	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
2	**Allergy**							
3	The allergy tests included in our top two thousand sample are a very small percentage of the 3800 allergens tests in the LOINC database. Only a relatively few are used frequently enough to make the Top 2000 list. You should be aware that laboratories may report the test results for a given allergen in three ways: 1) As numeric concentration of IgE antibodies with units of IU/mL 2) As a rank (the RAST class from 1-6) based on the concentration that categorizes the severity of the allergy, or 3) As a percent of the reaction rate to the control specimen Though the Top 2000 include very few RAST class measures, many laboratories report both the concentration of IgE antibodies against the allergen (usually in units/ml or IU/ml) and the RAST class for that concentration. Also be aware that most laboratories report the concentration of IgE antibodies against the allergens of interest. However some laboratories report concentrations of IgG and also IgA antibodies; particularly against food allergens. We bring this up only so you do not assume all allergy tests are looking for IgE antibodies.							
4	6019-4	Almond IgE Ab [Units/volume] in Serum	Allergy	1024	k[IU]/L	kIU/L		Ser
5	6020-2	Alternaria alternata IgE Ab [Units/volume] in Serum	Allergy	652	k[IU]/L	kIU/L		Ser
6	15530-9	Alternaria alternata IgE Ab RAST class in Serum	Allergy	1289				Ser
7	6038-4	American Beech IgE Ab [Units/volume] in Serum	Allergy	1924	k[IU]/L	kIU/L		Ser
8	30170-5	American Cockroach IgE Ab [Units/volume] in Serum	Allergy	780	k[IU]/L	kIU/L		Ser
9	6095-4	American house dust mite IgE Ab [Units/volume] in Serum	Allergy	648	k[IU]/L	kIU/L		Ser
10	6263-8	American Sycamore IgE Ab [Units/volume] in Serum	Allergy	1072	k[IU]/L	kIU/L		Ser
11	6021-0	Apple IgE Ab [Units/volume] in Serum	Allergy	1570	k[IU]/L	kIU/L		Ser
12	6025-1	Aspergillus fumigatus IgE Ab [Units/volume] in Serum	Allergy	683	k[IU]/L	kIU/L		Ser
13	6029-3	Aureobasidium pullulans IgE Ab [Units/volume] in Serum	Allergy	1889	k[IU]/L	kIU/L		Ser
14	6034-3	Bahia grass IgE Ab [Units/volume] in Serum	Allergy	860	k[IU]/L	kIU/L		Ser
15	31032-6	Baker's yeast IgA Ab [Units/volume] in Serum	Allergy	1368	k[IU]/L	kIU/L		Ser
16	47320-7	Baker's yeast IgA Ab [Units/volume] in Serum by Immunoassay	Allergy	1369	k[IU]/L	kIU/L		Ser
17	6287-7	Baker's yeast IgE Ab [Units/volume] in Serum	Allergy	1945	k[IU]/L	kIU/L		Ser
18	35538-8	Baker's yeast IgG Ab [Mass/volume] in Serum	Allergy	1311	ug/mL	ug/mL		Ser
19	6035-0	Banana IgE Ab [Units/volume] in Serum	Allergy	1627	k[IU]/L	kIU/L		Ser
20	6037-6	Barley IgE Ab [Units/volume] in Serum	Allergy	1765	k[IU]/L	kIU/L		Ser
21	7124-1	Bayberry Pollen IgE Ab [Units/volume] in Serum	Allergy	1513	k[IU]/L	kIU/L		Ser
22	6039-2	Beef IgE Ab [Units/volume] in Serum	Allergy	857	k[IU]/L	kIU/L		Ser
23	6041-8	Bermuda grass IgE Ab [Units/volume] in Serum	Allergy	745	k[IU]/L	kIU/L		Ser
24	7155-5	Boxelder IgE Ab [Units/volume] in Serum	Allergy	795	k[IU]/L	kIU/L		Ser
25	6050-9	Brazil Nut IgE Ab [Units/volume] in Serum	Allergy	1401	k[IU]/L	kIU/L		Ser
26	6059-0	Candida albicans IgE Ab [Units/volume] in Serum	Allergy	1734	k[IU]/L	kIU/L		Ser
27	6061-6	Carrot IgE Ab [Units/volume] in Serum	Allergy	1898	k[IU]/L	kIU/L		Ser
28	6062-4	Casein IgE Ab [Units/volume] in Serum	Allergy	1668	k[IU]/L	kIU/L		Ser
29	6718-1	Cashew Nut IgE Ab [Units/volume] in Serum	Allergy	1084	k[IU]/L	kIU/L		Ser

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
30	6833-8	Cat dander IgE Ab [Units/volume] in Serum	Allergy	715	k[IU]/L	kIU/L	The same allergen is carried by cat hair and epithelium. It comes from cat saliva, which coats hair and epithelium through licking. It is best named as cat dander.	Ser
31	19734-3	Chicken droppings IgE Ab [Units/volume] in Serum	Allergy	1827	k[IU]/L	kIU/L		Ser
32	6073-1	Chocolate IgE Ab [Units/volume] in Serum	Allergy	899	k[IU]/L	kIU/L		Ser
33	6075-6	Cladosporium herbarum IgE Ab [Units/volume] in Serum	Allergy	718	k[IU]/L	kIU/L		Ser
34	7415-3	Cladosporium sphaerospermum IgE Ab [Units/volume] in Serum	Allergy	1809	k[IU]/L	kIU/L		Ser
35	6076-4	Clam IgE Ab [Units/volume] in Serum	Allergy	1153	k[IU]/L	kIU/L		Ser
36	15643-0	Clam IgE Ab RAST class in Serum	Allergy	1594				Ser
37	6078-0	Cockroach IgE Ab [Units/volume] in Serum	Allergy	1717	k[IU]/L	kIU/L		Ser
38	24139-8	Cockroach IgG Ab [Units/volume] in Serum	Allergy	1844	k[IU]/L	kIU/L		Ser
39	6195-2	Cocksfoot IgE Ab [Units/volume] in Serum	Allergy	1536	k[IU]/L	kIU/L		Ser
40	6081-4	Coconut IgE Ab [Units/volume] in Serum	Allergy	1916	k[IU]/L	kIU/L		Ser
41	6082-2	Codfish IgE Ab [Units/volume] in Serum	Allergy	992	k[IU]/L	kIU/L		Ser
42	6085-5	Common Ragweed IgE Ab [Units/volume] in Serum	Allergy	757	k[IU]/L	kIU/L		Ser
43	6087-1	Corn IgE Ab [Units/volume] in Serum	Allergy	738	k[IU]/L	kIU/L		Ser
44	6090-5	Cottonwood IgE Ab [Units/volume] in Serum	Allergy	1943	k[IU]/L	kIU/L		Ser
45	7258-7	Cow milk IgE Ab [Units/volume] in Serum	Allergy	662	k[IU]/L	kIU/L		Ser
46	25383-1	Cow milk IgE Ab RAST class in Serum	Allergy	1797				Ser
47	7774-3	Cow whey IgE Ab [Units/volume] in Serum	Allergy	1742	k[IU]/L	kIU/L		Ser
48	6092-1	Crab IgE Ab [Units/volume] in Serum	Allergy	1274	k[IU]/L	kIU/L		Ser
49	6098-8	Dog dander IgE Ab [Units/volume] in Serum	Allergy	1077	k[IU]/L	kIU/L	Dog dander, epithelium, and hair all identify the same allergen which comes from saliva and coats the hair and epithelium via licking.	Ser
50	6099-6	Dog epithelium IgE Ab [Units/volume] in Serum	Allergy	692	k[IU]/L	kIU/L	Dog dander, epithelium, and hair all identify the same allergen which comes from saliva and coats the hair and epithelium via licking. Use LOINC 6098-8 if possible.	Ser
51	7287-6	Dog Fennel IgE Ab [Units/volume] in Serum	Allergy	1502	k[IU]/L	kIU/L		Ser
52	6106-9	Egg white IgE Ab [Units/volume] in Serum	Allergy	799	k[IU]/L	kIU/L		Ser
53	6107-7	Egg yolk IgE Ab [Units/volume] in Serum	Allergy	1080	k[IU]/L	kIU/L		Ser
54	6110-1	English Plantain IgE Ab [Units/volume] in Serum	Allergy	758	k[IU]/L	kIU/L		Ser
55	6096-2	European house dust mite IgE Ab [Units/volume] in Serum	Allergy	675	k[IU]/L	kIU/L		Ser
56	15218-1	Food Allergen Mix 2 (Cod+Blue Mussel+Shrimp+Salmon+Tuna) IgE Ab [Presence] in Serum by Multidisk	Allergy	971				Ser
57	6121-8	Fusarium moniliforme IgE Ab [Units/volume] in Serum	Allergy	1941	k[IU]/L	kIU/L		Ser
58	6125-9	Gluten IgE Ab [Units/volume] in Serum	Allergy	1932	k[IU]/L	kIU/L		Ser
59	6156-4	Goosefoot IgE Ab [Units/volume] in Serum	Allergy	993	k[IU]/L	kIU/L		Ser
60	7110-0	Groundsel Tree IgE Ab [Units/volume] in Serum	Allergy	1534	k[IU]/L	kIU/L		Ser
61	6113-5	Gum-Tree IgE Ab [Units/volume] in Serum	Allergy	1377	k[IU]/L	kIU/L		Ser
62	6136-6	Hazelnut IgE Ab [Units/volume] in Serum	Allergy	1241	k[IU]/L	kIU/L		Ser
63	6137-4	Hazelnut Pollen IgE Ab [Units/volume] in Serum	Allergy	1650	k[IU]/L	kIU/L		Ser

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64	6138-2	Helminthosporium halodes IgE Ab [Units/volume] in Serum	Allergy	1763	k[IU]/L	kIU/L		Ser
65	6151-5	Italian Cypress IgE Ab [Units/volume] in Serum	Allergy	1495	k[IU]/L	kIU/L		Ser
66	6152-3	Johnson grass IgE Ab [Units/volume] in Serum	Allergy	839	k[IU]/L	kIU/L		Ser
67	6153-1	Kentucky blue grass IgE Ab [Units/volume] in Serum	Allergy	927	k[IU]/L	kIU/L		Ser
68	7445-0	Lactalbumin alpha IgE Ab [Units/volume] in Serum	Allergy	1857	k[IU]/L	kIU/L		Ser
69	6158-0	Latex IgE Ab [Units/volume] in Serum	Allergy	1426	k[IU]/L	kIU/L		Ser
70	6239-8	Lenscale IgE Ab [Units/volume] in Serum	Allergy	1848	k[IU]/L	kIU/L		Ser
71	6165-5	Lobster IgE Ab [Units/volume] in Serum	Allergy	1340	k[IU]/L	kIU/L		Ser
72	11183-1	Macadamia IgE Ab [Units/volume] in Serum	Allergy	1845	k[IU]/L	kIU/L		Ser
73	7477-3	Mango Pollen IgE Ab [Units/volume] in Serum	Allergy	1530	k[IU]/L	kIU/L		Ser
74	6174-7	Milk IgE Ab [Units/volume] in Serum	Allergy	1442	k[IU]/L	kIU/L		Ser
75	33536-4	Miscellaneous allergen IgE Ab RAST class in Serum	Allergy	1408				Ser
76	6178-8	Mountain Juniper IgE Ab [Units/volume] in Serum	Allergy	963	k[IU]/L	kIU/L		Ser
77	6182-0	Mucor racemosus IgE Ab [Units/volume] in Serum	Allergy	827	k[IU]/L	kIU/L		Ser
78	6183-8	Mugwort IgE Ab [Units/volume] in Serum	Allergy	1037	k[IU]/L	kIU/L		Ser
79	6186-1	Nettle IgE Ab [Units/volume] in Serum	Allergy	994	k[IU]/L	kIU/L		Ser
80	6190-3	Oat IgE Ab [Units/volume] in Serum	Allergy	1486	k[IU]/L	kIU/L		Ser
81	6194-5	Orange IgE Ab [Units/volume] in Serum	Allergy	1636	k[IU]/L	kIU/L		Ser
82	7558-0	Oyster IgE Ab [Units/volume] in Serum	Allergy	1690	k[IU]/L	kIU/L		Ser
83	6206-7	Peanut IgE Ab [Units/volume] in Serum	Allergy	611	k[IU]/L	kIU/L		Ser
84	15917-8	Peanut IgE Ab RAST class in Serum	Allergy	1721				Ser
85	6208-3	Pecan or Hickory Nut IgE Ab [Units/volume] in Serum	Allergy	1096	k[IU]/L	kIU/L		Ser
86	6209-1	Pecan or Hickory Tree IgE Ab [Units/volume] in Serum	Allergy	1615	k[IU]/L	kIU/L		Ser
87	6212-5	Penicillium notatum IgE Ab [Units/volume] in Serum	Allergy	748	k[IU]/L	kIU/L		Ser
88	7369-2	Perennial rye grass IgE Ab [Units/volume] in Serum	Allergy	1147	k[IU]/L	kIU/L		Ser
89	6733-0	Pigeon serum Ab [Presence] in Serum by Immune diffusion (ID)	Allergy	1903				Ser
90	7613-3	Pistachio IgE Ab [Units/volume] in Serum	Allergy	1583	k[IU]/L	kIU/L		Ser
91	6219-0	Pork IgE Ab [Units/volume] in Serum	Allergy	917	k[IU]/L	kIU/L		Ser
92	6220-8	Potato IgE Ab [Units/volume] in Serum	Allergy	1669	k[IU]/L	kIU/L		Ser
93	7632-3	Privet IgE Ab [Units/volume] in Serum	Allergy	1766	k[IU]/L	kIU/L		Ser
94	6222-4	Queen Palm IgE Ab [Units/volume] in Serum	Allergy	1487	k[IU]/L	kIU/L		Ser
95	6230-7	Rice IgE Ab [Units/volume] in Serum	Allergy	1497	k[IU]/L	kIU/L		Ser
96	6233-1	Rough Pigweed IgE Ab [Units/volume] in Serum	Allergy	936	k[IU]/L	kIU/L		Ser
97	6237-2	Salmon IgE Ab [Units/volume] in Serum	Allergy	1619	k[IU]/L	kIU/L		Ser
98	6234-9	Saltwort IgE Ab [Units/volume] in Serum	Allergy	1798	k[IU]/L	kIU/L		Ser
99	7691-9	Scallop IgE Ab [Units/volume] in Serum	Allergy	1211	k[IU]/L	kIU/L		Ser
100	6242-2	Sesame Seed IgE Ab [Units/volume] in Serum	Allergy	1455	k[IU]/L	kIU/L		Ser
101	6244-8	Sheep Sorrel IgE Ab [Units/volume] in Serum	Allergy	916	k[IU]/L	kIU/L		Ser
102	6246-3	Shrimp IgE Ab [Units/volume] in Serum	Allergy	978	k[IU]/L	kIU/L		Ser
103	15283-5	Silver Birch IgE Ab [Units/volume] in Serum	Allergy	1446	k[IU]/L	kIU/L		Ser
104	6248-9	Soybean IgE Ab [Units/volume] in Serum	Allergy	646	k[IU]/L	kIU/L		Ser
105	15568-9	Soybean IgE Ab RAST class in Serum	Allergy	1927				Ser
106	6252-1	Stemphylium botryosum IgE Ab [Units/volume] in Serum	Allergy	841	k[IU]/L	kIU/L		Ser
107	6257-0	Strawberry IgE Ab [Units/volume] in Serum	Allergy	1601	k[IU]/L	kIU/L		Ser
108	15761-0	Sweetgum IgE Ab RAST class in Serum	Allergy	1172				Ser

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
109	6265-3	Timothy IgE Ab [Units/volume] in Serum	Allergy	935	k[IU]/L	kIU/L		Ser
110	6266-1	Tomato IgE Ab [Units/volume] in Serum	Allergy	1429	k[IU]/L	kIU/L		Ser
111	6270-3	Tuna IgE Ab [Units/volume] in Serum	Allergy	1582	k[IU]/L	kIU/L		Ser
112	6164-8	Virginia Live Oak IgE Ab [Units/volume] in Serum	Allergy	1371	k[IU]/L	kIU/L		Ser
113	6273-7	Walnut IgE Ab [Units/volume] in Serum	Allergy	922	k[IU]/L	kIU/L		Ser
114	16074-7	Walnut IgE Ab RAST class in Serum	Allergy	1781				Ser
115	6276-0	Wheat IgE Ab [Units/volume] in Serum	Allergy	645	k[IU]/L	kIU/L		Ser
116	16085-3	Wheat IgE Ab RAST class in Serum	Allergy	1921				Ser
117	6278-6	White Ash IgE Ab [Units/volume] in Serum	Allergy	1146	k[IU]/L	kIU/L		Ser
118	41874-9	White Birch IgE Ab [Units/volume] in Serum	Allergy	1025	k[IU]/L	kIU/L		Ser
119	6109-3	White Elm IgE Ab [Units/volume] in Serum	Allergy	1511	k[IU]/L	kIU/L		Ser
120	13183-9	White Elm IgG Ab [Units/volume] in Serum	Allergy	769	k[IU]/L	kIU/L		Ser
121	7407-0	White Hickory IgE Ab [Units/volume] in Serum	Allergy	1020	k[IU]/L	kIU/L		Ser
122	6281-0	White mulberry IgE Ab [Units/volume] in Serum	Allergy	947	k[IU]/L	kIU/L		Ser
123	6189-5	White Oak IgE Ab [Units/volume] in Serum	Allergy	717	k[IU]/L	kIU/L		Ser
124	7291-8	Whole Egg IgE Ab [Units/volume] in Serum	Allergy	891	k[IU]/L	kIU/L		Ser
125	6286-9	Wormwood IgE Ab [Units/volume] in Serum	Allergy	1879	k[IU]/L	kIU/L		Ser

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
126	**Antibacterial susceptibility**							
127	The statistics for antibiotic susceptibility tests in the Top 2000 list are not as broadly based as most of the other test categories, because antibiotic susceptibilities were available from only one of our 3 sources. LOINC provides codes for antibiotic suceptibility testing based on method used. The four major categories are as follows: 1) A general flavor that does not specify the method of testing used 2) Minimum Inhibitory Concentrations (MIC) 3) Kirby Bauer disc testing (KB) and 4) Gradient strip (E-test) The general flavor can be used to report results for any of the three more specific approaches (Kirby Bauer, MIC or E-test susceptibilities) assuming that the details regarding the method of testing is provided elsewhere in the messages or in other OBX segments. The majority of the antibiotic susceptibility tests that made it into the Top 2000 list are of this general flavor type, but a few MIC tests and gradient strip LOINC codes also appear. In case your laboratory prefers the more specific codes for the antibiotics listed here, you can find them under the Antibiotic susceptibility class in the full LOINC database. Some of the antibiotics used to treat tuberculosis are also used to treat more common bacterial infections. LOINC provides specific codes for reporting antibiotic susceptibilities to slow growing Mycobacteria – such as M.tuberculosis, M.avium and M.intracellular, and these codes should be used for reporting antibiotic susceptibilities for such bacteria. These codes can be identified by the phrase “slow growing mycobacteria” in the method part of the LOINC name. Antibiotic susceptibilities to a fast growing mycobacteria can be reported under the same codes as any other bacteria.						
128	13317-3	Methicillin resistant Staphylococcus aureus [Presence] in Unspecified specimen by Organism specific culture	Antibacterial susceptibility	146			Methicillin Resistant Staphylocuss via culture	Any
129	18860-7	Amikacin [Susceptibility]	Antibacterial susceptibility	414				Isolate
130	18862-3	Amoxicillin+Clavulanate [Susceptibility]	Antibacterial susceptibility	549				Isolate
131	18864-9	Ampicillin [Susceptibility]	Antibacterial susceptibility	331				Isolate
132	18865-6	Ampicillin+Sulbactam [Susceptibility]	Antibacterial susceptibility	330				Isolate
133	18868-0	Aztreonam [Susceptibility]	Antibacterial susceptibility	454				Isolate
134	42803-7	Bacteria identified in Isolate	Antibacterial susceptibility	1461				Isolate
135	18878-9	Cefazolin [Susceptibility]	Antibacterial susceptibility	305				Isolate

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
136	18879-7	Cefepime [Susceptibility]	Antibacterial susceptibility	380				Isolate
137	18886-2	Cefotaxime [Susceptibility]	Antibacterial susceptibility	404				Isolate
138	18887-0	Cefotetan [Susceptibility]	Antibacterial susceptibility	488				Isolate
139	18893-8	Ceftazidime [Susceptibility]	Antibacterial susceptibility	360				Isolate
140	18895-3	Ceftriaxone [Susceptibility]	Antibacterial susceptibility	388				Isolate
141	6998-9	Ceftriaxone [Susceptibility] by Gradient strip (E-test)	Antibacterial susceptibility	1728				Isolate
142	51724-3	Cefuroxime [Susceptibility]	Antibacterial susceptibility	837				Isolate
143	20460-2	Cefuroxime Oral [Susceptibility] by Minimum inhibitory concentration (MIC)	Antibacterial susceptibility	895				Isolate
144	18903-5	Chloramphenicol [Susceptibility]	Antibacterial susceptibility	1893				Isolate
145	18906-8	Ciprofloxacin [Susceptibility]	Antibacterial susceptibility	317				Isolate
146	18908-4	Clindamycin [Susceptibility]	Antibacterial susceptibility	444				Isolate
147	33333-6	Colistin [Susceptibility] by Gradient strip (E-test)	Antibacterial susceptibility	1358				Isolate
148	35789-7	Daptomycin [Susceptibility]	Antibacterial susceptibility	1291				Isolate
149	18919-1	Erythromycin [Susceptibility]	Antibacterial susceptibility	434				Isolate
150	31036-7	Gatifloxacin [Susceptibility] by Minimum inhibitory concentration (MIC)	Antibacterial susceptibility	1719				Isolate
151	18928-2	Gentamicin [Susceptibility]	Antibacterial susceptibility	265				Isolate
152	18929-0	Gentamicin.high potency [Susceptibility]	Antibacterial susceptibility	858				Isolate
153	18932-4	Imipenem [Susceptibility]	Antibacterial susceptibility	372				Isolate
154	20629-2	Levofloxacin [Susceptibility]	Antibacterial susceptibility	300				Isolate
155	33332-8	Linezolid [Susceptibility] by Gradient strip (E-test)	Antibacterial susceptibility	1262				Isolate
156	18943-1	Meropenem [Susceptibility]	Antibacterial susceptibility	373				Isolate
157	18955-5	Nitrofurantoin [Susceptibility]	Antibacterial susceptibility	336				Isolate

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
158	23658-8	Other Antibiotic [Susceptibility]	Antibacterial susceptibility	123			Labs sometimes use the code for "other antibiotics". It is typically used by laboratories to report infrequently tested antibiotics. We urge laboratories to use a specific code that names a particular antibiotic and avoid the use of non-informative codes like "other antibiotics".	Isolate
159	18961-3	Oxacillin [Susceptibility]	Antibacterial susceptibility	419				Isolate
160	18964-7	Penicillin [Susceptibility]	Antibacterial susceptibility	453				Isolate
161	23925-1	Penicillin [Susceptibility] by Gradient strip (E-test)	Antibacterial susceptibility	1641				Isolate
162	18965-4	Penicillin G [Susceptibility]	Antibacterial susceptibility	551				Isolate
163	18969-6	Piperacillin [Susceptibility]	Antibacterial susceptibility	411				Isolate
164	18970-4	Piperacillin+Tazobactam [Susceptibility]	Antibacterial susceptibility	361				Isolate
165	18974-6	Rifampin [Susceptibility]	Antibacterial susceptibility	616				Isolate
166	18983-7	Streptomycin.high potency [Susceptibility]	Antibacterial susceptibility	879				Isolate
167	18993-6	Tetracycline [Susceptibility]	Antibacterial susceptibility	393				Isolate
168	18996-9	Tobramycin [Susceptibility]	Antibacterial susceptibility	396				Isolate
169	18998-5	Trimethoprim+Sulfamethoxazole [Susceptibility]	Antibacterial susceptibility	253				Isolate
170	19000-9	Vancomycin [Susceptibility]	Antibacterial susceptibility	350				Isolate
171	7059-9	Vancomycin [Susceptibility] by Gradient strip (E-test)	Antibacterial susceptibility	1907				Isolate
172	35492-8	Methicillin resistant Staphylococcus aureus (MRSA) DNA [Presence] by Probe & target amplification method	Antibacterial susceptibility	406				XXX

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173	**Antiviral susceptibility**							
174	If these most frequently reported tests do not satisfy your requirements you can find a variety of other HIV susceptibility tests in the full LOINC database. Be aware of the two styles of reporting viral susceptibilities. One is often described as phenotypic susceptibility. These approaches are like standard bacterial susceptibilities in that they report the degree to which a given antiviral suppresses the growth of the virus in some biologic system. The other is called genotypic susceptibility. This approach examines the genes in the virus, in some cases looking for specific mutations that signal resistance to one or more antiviral drugs, and other cases sequencing much or all of the viron to find all of the mutations that might increase resistance. Newer methods may report specific mutations, but they did not make the Top 2000 list.							
175	49573-9	HIV genotype [Susceptibility] in Isolate by Genotype method Narrative	Antiviral susceptibility	1188				Isolate
176	33630-5	HIV protease gene mutations detected [Identifier] in Isolate	Antiviral susceptibility	1775				Isolate
177	23641-4	Quinupristin+Dalfopristin [Susceptibility] by Minimum inhibitory concentration (MIC)	Antiviral susceptibility	623				Isolate
178	**Blood bank**							
179	46268-9	ABO & Rh group [Type] in Blood from Blood product unit--after transfusion reaction	Blood bank	1839				^BPU
180	14578-9	ABO group [Type] in Blood from Blood product unit	Blood bank	354				^BPU
181	49540-8	Acid citrate dextrose [Volume] in Blood product unit	Blood bank	1354	mL	mL		^BPU
182	14604-3	Blood group antibodies present [Identifier] in Serum or Plasma from Blood product unit	Blood bank	851				^BPU
183	925-8	Blood product disposition [Type]	Blood bank	144				^BPU
184	931-6	Blood product source [Type]	Blood bank	983				^BPU
185	933-2	Blood product type	Blood bank	185				^BPU
186	936-5	Blood product unit [Identifier]	Blood bank	1431				^BPU
187	934-0	Blood product unit ID [#]	Blood bank	168				^BPU
188	14907-0	Rh [Type] in Blood from Blood product unit	Blood bank	355				^BPU
189	10386-1	Albumin given [Volume]	Blood bank	1754	mL	mL		^Patient
190	19066-0	Blood bank comment	Blood bank	538				^Patient
191	49542-4	Date and time of pheresis procedure	Blood bank	1303				^Patient
192	882-1	ABO & Rh group [Type] in Blood	Blood bank	169				Bld
193	19057-9	ABO & Rh group [Type] in Blood from newborn	Blood bank	637				Bld
194	883-9	ABO group [Type] in Blood	Blood bank	218				Bld
195	1305-2	D Ag [Presence] in Blood	Blood bank	399				Bld
196	14869-2	Pathologist review of Blood tests	Blood bank	1595				Bld
197	10331-7	Rh [Type] in Blood	Blood bank	255				Bld
198	51892-8	ABO group [Type] in Cord blood	Blood bank	1460				BldCo
199	14906-2	Rh [Type] in Cord blood	Blood bank	1452				BldCo

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
200	1006-6	Direct antiglobulin test.IgG specific reagent [interpretation] on Red Blood Cells	Blood bank	422				RBC
201	1007-4	Direct antiglobulin test.poly specific reagent [Presence] on Red Blood Cells	Blood bank	1654				RBC
202	888-8	Blood group antibodies identified in Serum or Plasma	Blood bank	1709				Ser/Plas
203	890-4	Blood group antibody screen [Presence] in Serum or Plasma	Blood bank	198				Ser/Plas
204	1003-3	Indirect antiglobulin test.complement specific reagent [Presence] in Serum or Plasma	Blood bank	227				Ser/Plas
205	1250-0	Major crossmatch [interpretation]	Blood bank	247				Ser/Plas
206	38168-1	Major crossmatch [interpretation] by Low ionic strenght saline (LISS)	Blood bank	1925				Ser/Plas
207	50970-3	XXX blood group Ab [Titer] in Serum or Plasma by Antihuman globulin	Blood bank	1802	{titer}	titer		Ser/Plas
208	Body measurements							
209	8277-6	Body surface area	Body measurements	1951	m2	m2		^Patient
210	8310-5	Body temperature	Body measurements	138	Cel	Cel		^Patient
211	29463-7	Body weight	Body measurements	593	kg	kg		^Patient
212	3141-9	Body weight Measured	Body measurements	1170	[lb_av]	[lb_av]		^Patient
213	8338-6	Body weight Measured --ante partum	Body measurements	1164	[lb_av]	lb_av		^Patient

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
214	**Cell markers**							
215	LOINC's Top 2000 list includes about 20 CDx variables while the full LOINC data base includes more than 1000 such tests for cell markers. HIV infection decreases the number of CD4 T-cells, also called T4 helper cells, the ratio of CD4 to CD8 T-cells and the number of CD8+ T-cells. These counts are ordered frequently to guide decisions about anti-retroviral therapy. Laboratories usually report both percentage and absolute count. When you map CD4 and CD8 markers, be careful! Since at least 1997, CDC has required the detection of both CD3+ and CD4+ to identify T4 helper cells, because the CD3 marker is needed to identify T-cells accurately. So, any tests that report T4 helper cells are really reporting cells that carry BOTH the CD3+ and the CD4+ markers. The measure name may be CD3+ CD4+ cells, CD4+ marker, T4 cells or even just CD4+ (a misnomer). Exactly analogous rules apply to CD8+. Measures that include only CD4 or only CD8 in their name are really measuring CD3+CD4+ cells or CD3+CD8+ cells, respectively and should be reported with the LOINC code that includes both of those markers. The panel named T cell subsets will usually contain both CD3 + CD4 and CD3 + CD8 counts.						
216	20402-4	CD16+CD56+ cells [#/volume] in Blood	Cell markers	1410	{#}/uL	#/uL		Bld
217	18267-5	CD16+CD56+ cells/100 cells in Blood	Cell markers	1406	%	%		Bld
218	8116-6	CD19 cells [#/volume] in Blood	Cell markers	1127	{#}/uL	#/uL	B-cells	Bld
219	8117-4	CD19 cells/100 cells in Blood	Cell markers	868	%	%	B-cells	Bld
220	17122-3	CD19+Kappa+ cells/100 cells in Blood	Cell markers	1612	%	%		Bld
221	17123-1	CD19+Lambda+ cells/100 cells in Blood	Cell markers	1634	%	%		Bld
222	9557-0	CD2 cells [#/volume] in Blood	Cell markers	1547	{#}/uL	#/uL		Bld
223	8118-2	CD2 cells/100 cells in Blood	Cell markers	1523	%	%		Bld
224	8122-4	CD3 cells [#/volume] in Blood	Cell markers	427	{#}/uL	#/uL	T-cells all kind	Bld
225	8124-0	CD3 cells/100 cells in Blood	Cell markers	383	%	%	T-cells all kind	Bld
226	24467-3	CD3+CD4+ (T4 helper) cells [#/volume] in Blood	Cell markers	515	{#}/uL	#/uL	CD3 as well as CD4 required to identify CD4 T-cells (CD4 helper cell)	Bld
227	8123-2	CD3+CD4+ (T4 helper) cells/100 cells in Blood	Cell markers	377	%	%	CD3 as well as CD4 required to identify CD4 T-cells (CD4 helper cell)	Bld
228	54218-3	CD3+CD4+ (T4 helper) cells/CD3+CD8+ (T8 suppressor cells) cells [# Ratio] in Blood	Cell markers	362	%	%	Need CD3 as well as CD4 and CD3 as well as CD8 to accurately identify ratio of CD4 T cell to CD8 T cell	Bld
229	14135-8	CD3+CD8+ (T8 suppressor cells) cells [#/volume] in Blood	Cell markers	441	{#}/uL	#/uL	CD3 as well as CD4 required to identify CD4 T-cells (CD4 helper cell)	Bld
230	8101-8	CD3+CD8+ (T8 suppressor cells) cells/100 cells in Blood	Cell markers	397	%	%	CD3 as well as CD4 required to identify CD4 T-cells (CD4 helper cell)	Bld
231	8112-5	CD3-CD16+CD56+ (Natural killer) cells/100 cells in Blood	Cell markers	944	%	%	NK cells - note that CD3- means they do not show CD3 markers	Bld
232	8130-7	CD45 (Lymphs) cells/100 cells in Blood	Cell markers	955	%	%	CD45 marker identifies lymphocytes in flow cytometry	Bld
233	27071-0	CD45 cells [#/volume] in Blood	Cell markers	2006	{#}/uL	{#}/uL	CD45 markers - along with special beads are used to determine the absolute lymphocyte count by some laboratories. (Others use the total lymphocyte count from the CBC).	Bld
234	13337-1	CD8+HLA-DR+ cells/100 cells in Blood	Cell markers	1735	%	%		Bld

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
235	20593-0	CD19 cells/100 cells in Unspecified specimen	Cell markers	1313	%	%		XXX
236	49835-2	CD19+IgD+ cells/100 cells in Unspecified specimen	Cell markers	1738	%	%		XXX
237	32515-9	CD3+CD4+ (T4 helper) cells [#/volume] in Unspecified specimen	Cell markers	602	{#}/uL	#/uL	CD3 as well as CD4 required to identify CD4 T-cells (CD4 helper cell)	XXX
238	Chem							
239	The statistics for this database were all derived from US laboratories. In particular, most of the chemistry tests (also drug toxicology and others) in the US are reported in mass units such as mg/dL or mg/gm, depending on the material being examined. In many other countries, the same test would be reported in molar units (eg. mmol/mL). LOINC has one code for reporting a given analyte and a different code for reporting it in molar units and mass concentrations. To assist countries who more likely report equivalent tests in molar units, we have developed the SI version for the Top 2000 list.							
240	2159-2	Creatinine [Mass/volume] in Amniotic fluid	Chem	1908	mg/dL	mg/dL		Amnio fld
241	31100-1	Hematocrit [Volume Fraction] of Blood by Impedance	Chem	164	%	%	Chemistry instruments in constrast to automated cell counters report a hematocrit based on an impedence (conductance) measure that take into account the serum sodium concentration. So this is the measure that is reported by most POC, blood gas and other chemistry instruments.	Bld
242	53835-5	1,5-Anhydroglucitol [Mass/volume] in Serum or Plasma	Chem	1998	ug/mL	ug/mL		Bld*/Ser/Plas
243	1668-3	17-Hydroxyprogesterone [Mass/volume] in Serum or Plasma	Chem	850	ng/dL	ng/dL		Bld*/Ser/Plas
244	30193-7	Acylcarnitine/Carnitine.free (C0) [Molar ratio] in Serum or Plasma	Chem	1597	{ratio}	ratio		Bld*/Ser/Plas
245	1721-0	Adenosine triphosphate [Mass/volume] in Blood	Chem	1000	ng/mL	ng/mL		Bld*/Ser/Plas
246	20636-7	Alanine [Moles/volume] in Serum or Plasma	Chem	1831	umol/L	umol/L		Bld*/Ser/Plas
247	1742-6	Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma	Chem	16	U/L	U/L		Bld*/Ser/Plas
248	1751-7	Albumin [Mass/volume] in Serum or Plasma	Chem	20	g/dL	g/dL		Bld*/Ser/Plas
249	1759-0	Albumin/Globulin [Mass ratio] in Serum or Plasma	Chem	60	{ratio}	ratio		Bld*/Ser/Plas
250	1761-6	Aldolase [Enzymatic activity/volume] in Serum or Plasma	Chem	695	mU/mL	mU/mL		Bld*/Ser/Plas
251	1763-2	Aldosterone [Mass/volume] in Serum or Plasma	Chem	774	ng/dL	ng/dL		Bld*/Ser/Plas
252	6768-6	Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma	Chem	23	U/L	U/L		Bld*/Ser/Plas
253	1777-2	Alkaline phosphatase.bone [Enzymatic activity/volume] in Serum or Plasma	Chem	1850	U/L	U/L		Bld*/Ser/Plas
254	15013-6	Alkaline phosphatase.bone/Alkaline phosphatase.total in Serum or Plasma	Chem	1666	%	%		Bld*/Ser/Plas
255	15014-4	Alkaline phosphatase.intestinal/Alkaline phosphatase.total in Serum or Plasma	Chem	1783	%	%		Bld*/Ser/Plas
256	1779-8	Alkaline phosphatase.liver [Enzymatic activity/volume] in Serum or Plasma	Chem	1919	U/L	U/L		Bld*/Ser/Plas
257	15015-1	Alkaline phosphatase.liver/Alkaline phosphatase.total in Serum or Plasma	Chem	1664	%	%		Bld*/Ser/Plas
258	1825-9	Alpha 1 antitrypsin [Mass/volume] in Serum or Plasma	Chem	854	mg/dL	mg/dL		Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
259	53962-7	Alpha-1-fetoprotein.tumor marker [Mass/volume] in Serum or Plasma	Chem	746	ng/mL	ng/mL		Bld*/Ser/Plas
260	22763-7	Ammonia [Mass/volume] in Plasma	Chem	366	mcg/dL	mcg/dL	Almost all laboratories name this "ammonia". But in the human given the range of pH's that are possible, NH3 will be in the form of NH4+ (ammonium ion). So it could also be named Ammonium ion. Most laboratories report this as molar units (see 16362), but some do report it as a mass concentration. Plasma is the recommended specimen.	Bld*/Ser/Plas
261	16362-6	Ammonia [Moles/volume] in Plasma	Chem	367			Almost all laboratories name this "ammonia". But in the human given the range of pH's that are possible, NH3 will be in the form of NH4+ (ammonium ion). So it could also be named Ammonium ion. Most laboratories report this as molar units, but some do report it as a mass concentration (See 22763-7). Plasma is the recommended specimen.	Bld*/Ser/Plas
262	1798-8	Amylase [Enzymatic activity/volume] in Serum or Plasma	Chem	152	U/L	U/L		Bld*/Ser/Plas
263	**Testosterone** Testosterone also comes in routine and high sensitivity versions, which can detect levels <= 1.0 ng/dL or <=3.47 mol/L for the equivalent molar concentration. The routine testosterone is used for most testing purposes. The high sensitivity test is only appropriate for people whose testosterone levels would be expected to be very low, such as women and men post-orchiectomy. Tests are also available for measuring bioavailable testosterone and various ratios of these to the total testosterone but are rare compared to plain testosterone. Be aware of these distinctions when mapping.							
264	24125-7	Andorgen free Index in Serum or Plasma	Chem	1566	%	%	Formula = [testosterone total / sex hormone binding globulin (SHBG)] x 100	Bld*/Ser/Plas
265	1848-1	Androstanolone [Mass/volume] in Serum or Plasma	Chem	1580	pg/mL	pg/mL		Bld*/Ser/Plas
266	1854-9	Androstenedione [Mass/volume] in Serum or Plasma	Chem	1253	ng/mL	ng/mL		Bld*/Ser/Plas
267	1857-2	Angiotensin converting enzyme [Enzymatic activity/volume] in Blood	Chem	1299	U/L	U/L		Bld*/Ser/Plas
268	2742-5	Angiotensin converting enzyme [Enzymatic activity/volume] in Serum or Plasma	Chem	730	U/L	U/L		Bld*/Ser/Plas

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
269	**Anion Gap** The Anion Gap can be calculated two ways: 1) By subtracting the sum of the chloride and bicarbonate concentration from the sum of sodium and potassium concentration in a particular fluid—usually serum or plasma. LOINC calls this Anion Gap 4 (1863-0). 2) By using a calculation that ignores potassium, i.e the sum of chloride and bicarbonate concentrations minus the sodium concentration. LOINC calls this Anion Gap 3 (10466-1). Because Anion Gap 4 adds the numeric value of potassium to the positive side of the ledger, its value will on average be 3-5 mmol/L larger than Anion Gap 3. Anion Gap 4 has a normal range 10-20 mmol/L, compared to 8-16 mmol/L for Anion Gap 3. Laboratories in the US tend to favor Anion Gap 3 in their reporting. However, laboratories rarely include anything in the name that signals whether it is Gap 3 or Gap 4, so you will have to look at the normal range reported with the lab's Anion Gap to choose which one you should map to.							
270	10466-1	Anion gap 3 in Serum or Plasma	Chem	37	mmol/L	mmol/L		Bld*/Ser/Plas
271	1863-0	Anion gap 4 in Serum or Plasma	Chem	455	mmol/L	mmol/L		Bld*/Ser/Plas
272	33037-3	Anion gap in Serum or Plasma	Chem	118	mmol/L	mmol/L		Bld*/Ser/Plas
273	1869-7	Apolipoprotein A-I [Mass/volume] in Serum or Plasma	Chem	1261	g/L	g/L		Bld*/Ser/Plas
274	13462-7	Apolipoprotein A-I/Apolipoprotein B [Mass ratio] in Serum or Plasma	Chem	1693	{ratio}	ratio		Bld*/Ser/Plas
275	1884-6	Apolipoprotein B [Mass/volume] in Serum or Plasma	Chem	889	mg/dL	mg/dL		Bld*/Ser/Plas
276	1871-3	Apolipoprotein B-100 [Mass/volume] in Serum or Plasma	Chem	772	mg/dL	mg/dL		Bld*/Ser/Plas
277	20637-5	Arginine [Moles/volume] in Serum or Plasma	Chem	1883	umol/L	umol/L		Bld*/Ser/Plas
278	1903-4	Ascorbate [Mass/volume] in Serum or Plasma	Chem	1447	mg/dL	mg/dL		Bld*/Ser/Plas
279	20638-3	Asparagine [Moles/volume] in Serum or Plasma	Chem	1910	umol/L	umol/L		Bld*/Ser/Plas
280	1920-8	Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma	Chem	19	U/L	U/L		Bld*/Ser/Plas
281	6873-4	Beta hydroxybutyrate [Moles/volume] in Serum or Plasma	Chem	1670	mmol/L	mmol/L		Bld*/Ser/Plas
282	1952-1	Beta-2-Microglobulin [Mass/volume] in Serum	Chem	783	ug/mL	ug/mL		Bld*/Ser/Plas
283	1959-6	Bicarbonate [Moles/volume] in Blood	Chem	120	mmol/L	mmol/L		Bld*/Ser/Plas
284	1968-7	Bilirubin.direct [Mass/volume] in Serum or Plasma	Chem	82	mg/dL	mg/dL		Bld*/Ser/Plas
285	1971-1	Bilirubin.indirect [Mass/volume] in Serum or Plasma	Chem	125	mg/dL	mg/dL		Bld*/Ser/Plas
286	1975-2	Bilirubin.total [Mass/volume] in Serum or Plasma	Chem	21	mg/dL	mg/dL	Total bilirubin = direct + indirect.	Bld*/Ser/Plas
287	1986-9	C peptide [Mass/volume] in Serum or Plasma	Chem	701	ng/mL	ng/mL		Bld*/Ser/Plas
288	1988-5	C reactive protein [Mass/volume] in Serum or Plasma	Chem	154	mg/dL	mg/dL	Low sensitivity CRP is used to assess severity of inflammatory diseases such as rheumatoid arthritis.	Bld*/Ser/Plas
289	30522-7	C reactive protein [Mass/volume] in Serum or Plasma by High sensitivity method	Chem	348	mg/L	mg/L	High sensitivity CRP is used to assess cardiovascular risk.	Bld*/Ser/Plas
290	11039-5	C reactive protein [Presence] in Serum or Plasma	Chem	1281			More often reported as the quantitative term (30522-7)	Bld*/Ser/Plas
291	1992-7	Calcitonin [Mass/volume] in Serum or Plasma	Chem	1605	ng/L	ng/L		Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
	Calcium Take care that you choose a LOINC code that is compatible with the reporting units. For examile, in the US, calcium is usually reported in mass units. In other countries, it is more commonly reported in molar units: More common in the US 17861-6 Calcium [Mass/volume] in Serum or Plasma More common in other countries 2000-8 Calcium [Moles/volume] in Serum or Plasma In contrast in the US, ionized calcium is more commonly reported in molar units but can be reported in mass units. More common 1995-0 Calcium.ionized [Moles/volume] in Serum or Plasma Less common in US 17863-2 Calcium.ionized [Mass/volume] in Serum or Plasma Compared to plain calcium, measuring the ionized calcium requires a more expensive procedure and has more stringent preparation and handling requirements — anaerobic venapuncture, no tourniquet use, avoidance of heparin contamination and immediate icing. Clase et al [PMID: 11071975] criticized the estimation of Ionized calcium by formula (LOINC 13959-2), because it did not predict the true value of ionized calcium as well as the routinely measured calcium. However, the estimated Ionized Calcium did not make the Top 2000 list; so for the purpose of this report, it is moot. Be aware that ionized calcium can be measured in serum / plasma or in whole blood (from blood gas instruments). Ionized Calcium in blood is also usually reported in moles / volume. If so, use LOINC 1994-3 (Calcium.ionized [moles/volume] in Blood). The ionized calcium result is not consistent when the sample has a pH significantly different from 7.4. Specimen pH may be artificially decreased due to delayed processing or exposure to air. Thus, many recommend reporting a value for the ionized calcium normalized to a pH 7.4. So, there are also LOINC codes for that, but they are not in the Top 2000 list.						
292								
293	17861-6	Calcium [Mass/volume] in Serum or Plasma	Chem	12	mg/dL	mg/dL		Bld*/Ser/Plas
	29265-6	Calcium [Moles/volume] corrected for albumin in Serum or Plasma	Chem	237	mmol/L	mmol/L	Check to be sure units are molar before mapping	Bld*/Ser/Plas
294								
	17864-0	Calcium.ionized [Mass/volume] in Serum or Plasma by Ion-selective membrane electrode (ISE)	Chem	1045	mg/dL	mg/dL		Bld*/Ser/Plas
295								
296	1994-3	Calcium.ionized [Moles/volume] in Blood	Chem	130	mmol/L	mmol/L		Bld*/Ser/Plas
297	1995-0	Calcium.ionized [Moles/volume] in Serum or Plasma	Chem	182	mmol/L	mmol/L		Bld*/Ser/Plas
	2006-5	Cancer Ag 125 [Presence] in Serum or Plasma	Chem	800			Usually reported as a quantitative test in ser/plas (see LOINC 10334-1)	Bld*/Ser/Plas
298								
299	10334-1	Cancer Ag 125 [Units/volume] in Serum or Plasma	Chem	430	[arb'U] /mL	[arb'U] /mL		Bld*/Ser/Plas
300	6875-9	Cancer Ag 15-3 [Units/volume] in Serum or Plasma	Chem	734	[arb'U] /mL	[arb'U] /mL		Bld*/Ser/Plas
301	24108-3	Cancer Ag 19-9 [Units/volume] in Serum or Plasma	Chem	677	[arb'U] /mL	[arb'U] /mL		Bld*/Ser/Plas
302	17842-6	Cancer Ag 27-29 [Units/volume] in Serum or Plasma	Chem	601	[arb'U] /mL	[arb'U] /mL		Bld*/Ser/Plas
303	20565-8	Carbon dioxide, total [Moles/volume] in Blood	Chem	143	mmol/L	mmol/L	POC or blood gas instrument	Bld*/Ser/Plas
304	2028-9	Carbon dioxide, total [Moles/volume] in Serum or Plasma	Chem	7	mmol/L	mmol/L		Bld*/Ser/Plas
305	2039-6	Carcinoembryonic Ag [Mass/volume] in Serum or Plasma	Chem	312	ug/L	ug/L	Tumor marker	Bld*/Ser/Plas
306	14288-5	Carnitine [Moles/volume] in Serum or Plasma	Chem	1409	umol/L	umol/L	Also called total carnitine	Bld*/Ser/Plas
307	19074-4	Carnitine esters [Moles/volume] in Serum or Plasma	Chem	1632	umol/L	umol/L		Bld*/Ser/Plas
308	14286-9	Carnitine free (C0) [Moles/volume] in Serum or Plasma	Chem	1418	umol/L	umol/L		Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
309	2064-4	Ceruloplasmin [Mass/volume] in Serum or Plasma	Chem	777	mg/dL	mg/dL		Bld*/Ser/Plas
310	2069-3	Chloride [Moles/volume] in Blood	Chem	295	mmol/L	mmol/L	POC test	Bld*/Ser/Plas
311	2075-0	Chloride [Moles/volume] in Serum or Plasma	Chem	8	mmol/L	mmol/L		Bld*/Ser/Plas
312	1990-1	Cholecalciferol (Vit D3) [Mass/volume] in Serum or Plasma	Chem	390	ng/mL	ng/mL		Bld*/Ser/Plas
313	2093-3	Cholesterol [Mass/volume] in Serum or Plasma	Chem	32	mg/dL	mg/dL		Bld*/Ser/Plas
314	2085-9	Cholesterol in HDL [Mass/volume] in Serum or Plasma	Chem	38	mg/dL	mg/dL		Bld*/Ser/Plas
315	2095-8	Cholesterol in HDL/Cholesterol.total [Mass ratio] in Serum or Plasma	Chem	465	{ratio}	ratio		Bld*/Ser/Plas
316	2087-5	Cholesterol in IDL [Mass/volume] in Serum or Plasma	Chem	763	mg/dL	mg/dL		Bld*/Ser/Plas
317	50194-0	Cholesterol in IDL+Cholesterol in VLDL 3 [Mass/volume] in Serum or Plasma	Chem	764	mg/dL	mg/dL		Bld*/Ser/Plas
318	**Cholesterol LDL** Be careful when mapping Cholesterol LDL results to LOINC codes. LOINC terms 13457-7 (Mass/volume) and 39469-2 (Moles/volume) represent the LDL concentration estimated from the following equation, not the directly measured value: LDL = total cholesterol - HDL - (Triglycerides x .20) The calculated LDL is the one included in the routine lipid panel that is reimbursed by CMS and is, thus, the most commonly reported LDL in the US. It can only be produced in the context of a lipid panel because it needs the other measures that are included in that panel for its calculation. Laboratories often call this "LDL calc" or "LDL calculated" to distinguish it from a directly measured value of LDL Cholesterol, which they usually call LDL direct (see LOINC 18262-6 [Mass/volume] or 69419-0 [Moles/volume]). But, you cannot always count on seeing those clues in the test name. If an LDL is reported alone (without total cholesterol, HDL or triglycerides) it is most likely an LDL direct regardless of its name. LDL direct can also be included in the lipid panel that also contains the LDL calculated, but at an additional charge. LOINC provides a third kind kind of term, Cholesterol in LDL in Serum or Plasma (see LOINC 2089-1 [Mass/volume] and 22748-8 [Moles/volume]) which does not distinguish between the directly measured and calculated version. You should only map to this general code when you cannot tell whether the test in question is derived (calculated) from other measures or is directly measured.							
319	2089-1	Cholesterol in LDL [Mass/volume] in Serum or Plasma	Chem	92	mg/dL	mg/dL		Bld*/Ser/Plas
320	13457-7	Cholesterol in LDL [Mass/volume] in Serum or Plasma by calculation	Chem	63	mg/dL	mg/dL		Bld*/Ser/Plas
321	18262-6	Cholesterol in LDL [Mass/volume] in Serum or Plasma by Direct assay	Chem	249	mg/dL	mg/dL		Bld*/Ser/Plas
322	47213-4	Cholesterol in LDL real size pattern [Identifier] in Serum or Plasma	Chem	761				Bld*/Ser/Plas
323	11054-4	Cholesterol in LDL/Cholesterol in HDL [Mass ratio] in Serum or Plasma	Chem	135	{ratio}	ratio		Bld*/Ser/Plas

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
324	2091-7	Cholesterol in VLDL [Mass/volume] in Serum or Plasma	Chem	219	mg/dL	mg/dL		Bld*/Ser/Plas
325	13458-5	Cholesterol in VLDL [Mass/volume] in Serum or Plasma by calculation	Chem	68	mg/dL	mg/dL		Bld*/Ser/Plas
326	46986-6	Cholesterol in VLDL 3 [Mass/volume] in Serum or Plasma	Chem	765	mg/dL	mg/dL		Bld*/Ser/Plas
327	43396-1	Cholesterol non HDL [Mass/volume] in Serum or Plasma	Chem	289	mg/dL	mg/dL		Bld*/Ser/Plas
328	9830-1	Cholesterol.total/Cholesterol in HDL [Mass ratio] in Serum or Plasma	Chem	91	{ratio}	ratio		Bld*/Ser/Plas
329	**Choriogonadotropin** The qualitative HCG and Beta HCG tests are pregnancy tests. LOINC 2118-8, Choriogonadotropin [Presence] in Serum or Plasma, is one of the serum pregnancy tests and LOINC 2110-5, Choriogonadotropin Beta Subunit, is the other. LOINC also includes two analogous urine pregnancy tests. The quantitative tests for HCG (LOINC 19080-1) and Beta HCG (LOINC 2111-3) are usually used for purposes other than pregnancy testing such as diagnosis of ectopic pregnancy, following miscarriage, and as/a tumor marker. HCG and Beta-HCG used as a tumor marker are distinct tests with the word “tumor marker” in the name and have their own LOINC codes.							
330	2118-8	Choriogonadotropin (pregnancy test) [Presence] in Serum or Plasma	Chem	615			Serum pregnancy test	Bld*/Ser/Plas
331	19080-1	Choriogonadotropin [Units/volume] in Serum or Plasma	Chem	252	m[IU]/mL	mIU/mL		Bld*/Ser/Plas
332	2110-5	Choriogonadotropin.beta subunit (pregnancy test) [Presence] in Serum or Plasma	Chem	477			Serum pregnancy test	Bld*/Ser/Plas
333	2111-3	Choriogonadotropin.beta subunit [Moles/volume] in Serum or Plasma	Chem	311	mmol/L	mmol/L		Bld*/Ser/Plas
334	21198-7	Choriogonadotropin.beta subunit [Units/volume] in Serum or Plasma	Chem	364	m[IU]/mL	mIU/mL		Bld*/Ser/Plas
335	2115-4	Choriogonadotropin.beta subunit free [Moles/volume] in Serum or Plasma	Chem	1065	m[IU]/mL	mIU/mL	Note this test is most commonly reported in m[IU]/mL. Check units carefully before mapping.	Bld*/Ser/Plas
336	30243-0	Choriogonadotropin.intact [Units/volume] in Serum or Plasma	Chem	834	m[IU]/mL	mIU/mL		Bld*/Ser/Plas
337	9811-1	Chromogranin A [Mass/volume] in Serum or Plasma	Chem	1578	ng/mL	ng/mL	Tumor marker for some forms of ovarian cancer	Bld*/Ser/Plas
338	20640-9	Citrulline [Moles/volume] in Serum or Plasma	Chem	1884	umol/L	umol/L		Bld*/Ser/Plas
339	2132-9	Cobalamin (Vitamin B12) [Mass/volume] in Serum	Chem	150	pg/mL	pg/mL		Bld*/Ser/Plas
340	4477-6	Complement C1 esterase inhibitor [Mass/volume] in Serum or Plasma	Chem	1762	mg/dL	mg/dL		Bld*/Ser/Plas
341	4485-9	Complement C3 [Mass/volume] in Serum or Plasma	Chem	436	{CAE'U/L}	CAE/L		Bld*/Ser/Plas
342	4498-2	Complement C4 [Mass/volume] in Serum or Plasma	Chem	437	mg/dL	mg/dL		Bld*/Ser/Plas
343	13088-0	Complement total hemolytic CH100 [Units/volume] in Serum or Plasma	Chem	1865	{CH 100 Units}/mL	CH 100 Units/mL	CH100 is a rapid screening test using plate method that detects 100% lysis.	Bld*/Ser/Plas
344	4532-8	Complement total hemolytic CH50 [Units/volume] in Serum or Plasma	Chem	952	{CH 50 Units}/mL	CH 50 Units/mL	Total hemolytic and CH50 are used interchangeably. Should use this term (LOINC 4532-8) instead of LOINC 4531-0 (Complement total hemolytic).	Bld*/Ser/Plas
345	2141-0	Corticotropin [Mass/volume] in Plasma	Chem	816	pg/mL	pg/mL		Bld*/Ser/Plas

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
346	2143-6	Cortisol [Mass/volume] in Serum or Plasma	Chem	341	ug/dL	ug/dL		Bld*/Ser/Plas
347	9812-9	Cortisol [Mass/volume] in Serum or Plasma --evening specimen	Chem	1875	ug/dL	ug/dL		Bld*/Ser/Plas
348	9813-7	Cortisol [Mass/volume] in Serum or Plasma --morning specimen	Chem	849	ug/dL	ug/dL		Bld*/Ser/Plas
349	**Creatine Kinase** Creatine kinase (CK) and its isomers CKMM, CKMB, CKBB are enzymes. The amount of creatine kinase and CKMB can also be reported as a mass concentration. Look at the units to distinguish whether a mass concentration or enzyme concentration is being reported. Enzyme concentrations of CK will have units such as U/L , or mmoles/min/L. Mass concentration of CK will have units of ng/mL. Laboratories usually reserve the names CK and CKMB to mean the enzyme activity and add the word "mass" as in "CKMB mass" to identify the mass concentration version. 32673-6 Creatine kinase.MB [Enzymatic activity/volume] in Serum or Plasma 13969-1 Creatine kinase.MB [Mass/volume] in Serum or Plasma In the past, the enzyme concentration of CK and its three isoenzymes were ordered as a panel to help diagnose myocardial infarctions. Today the more common approach is to order is CK total as an enzyme concentration and CKMB as a mass concentration; laboratories also report the ratio of these two to assist the clinician's diagnosis. Creatine kinase total (LOINC 49136-5) can also be measured as a mass but its use is very rare. Moreover, measurements of serum troponin have tended to displace the CK tests somewhat.							
350	2157-6	Creatine kinase [Enzymatic activity/volume] in Serum or Plasma	Chem	90	U/L	U/L		Bld*/Ser/Plas
351	15048-2	Creatine kinase.BB/Creatine kinase.total in Serum or Plasma by Electrophoresis	Chem	1390	%	%		Bld*/Ser/Plas
352	26019-0	Creatine Kinase.macromolecular type 1/Creatine kinase.total in Serum or Plasma	Chem	1396	%	%		Bld*/Ser/Plas
353	26020-8	Creatine Kinase.macromolecular type 2/Creatine kinase.total in Serum or Plasma	Chem	1397	%	%		Bld*/Ser/Plas
354	32673-6	Creatine kinase.MB [Enzymatic activity/volume] in Serum or Plasma	Chem	374	U/L	U/L		Bld*/Ser/Plas
355	13969-1	Creatine kinase.MB [Mass/volume] in Serum or Plasma	Chem	111	ng/mL	ng/mL		Bld*/Ser/Plas
356	49136-5	Creatine kinase.MB/Creatine kinase.total [Ratio] in Serum or Plasma	Chem	211	%	%		Bld*/Ser/Plas
357	20569-0	Creatine kinase.MB/Creatine kinase.total in Serum or Plasma	Chem	297	%	%		Bld*/Ser/Plas
358	12187-1	Creatine kinase.MB/Creatine kinase.total in Serum or Plasma by Electrophoresis	Chem	1391	%	%		Bld*/Ser/Plas
359	15049-0	Creatine kinase.MM/Creatine kinase.total in Serum or Plasma by Electrophoresis	Chem	1392	%	%		Bld*/Ser/Plas
360	38483-4	Creatinine [Mass/volume] in Blood	Chem	283	mg/dL	mg/dL	Blood specimen signals POC test	Bld*/Ser/Plas
361	2160-0	Creatinine [Mass/volume] in Serum or Plasma	Chem	1	mg/dL	mg/dL		Bld*/Ser/Plas
362	35591-7	Creatinine renal clearance predicted by Cockcroft-Gault formula	Chem	303	mL/min	mL/min		Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
363	15174-6	Cryocrit of Serum by Spun Westergren	Chem	1686	%	%		Bld*/Ser/Plas
364	11043-7	Cryofibrinogen [Presence] in Plasma	Chem	2007			You can detect only cryoglobulin in serum. You can detect cryoglobulin and cryofibrinogen in plasma. So you have to test both serum and plasma and observe a negative result in serum to identify cryofibrinogen. But cryofibrinogen is usually reported as LOINC 11043-7 (given in this row) based on results for both a serum and a plasma test for cryoprotein.	Bld*/Ser/Plas
365	5117-7	Cryoglobulin [Presence] in Serum	Chem	1165			Use of plasma specimen in addition to serum permits detection of cryofibrinogenemia. Cooling serum detects only cryoglobulin. To detect cryofibrinogen, one has to test plasma which will detect cryoglobulin and/or cryofibrinogen. Cryofibrinogen is inferred when cold challenge to both serum and plasma only shows an effect on plasma.	Bld*/Ser/Plas
366	12201-0	Cryoglobulin [Presence] in Serum by 1 day cold incubation	Chem	1911			Use of plasma specimen in addition to serum permits detection of cryofibrinogenemia. Cooling serum detects only cryoglobulin. To detect cryofibrinogen, one has to test plasma which will detect cryoglobulin and/or cryofibrinogen. Cryofibrinogen is inferred when cold challenge to both serum and plasma only shows an effect on plasma.	Bld*/Ser/Plas
367	26607-2	Cystathionine [Moles/volume] in Serum or Plasma	Chem	1606	umol/L	umol/L		Bld*/Ser/Plas
368	2193-1	Dehydroepiandrosterone (DHEA) [Mass/volume] in Serum or Plasma	Chem	833	ng/mL	ng/mL		Bld*/Ser/Plas
369	2191-5	Dehydroepiandrosterone sulfate (DHEA-S) [Mass/volume] in Serum or Plasma	Chem	468	ug/mL	ug/mL		Bld*/Ser/Plas
370	2216-0	Dopamine [Mass/volume] in Serum or Plasma	Chem	1764	pg/mL	pg/mL		Bld*/Ser/Plas
371	15061-5	Erythropoietin (EPO) [Units/volume] in Serum or Plasma	Chem	838	[IU]/L	IU/L		Bld*/Ser/Plas
372	2243-4	Estradiol (E2) [Mass/volume] in Serum or Plasma	Chem	231	pg/mL	pg/mL		Bld*/Ser/Plas
373	2254-1	Estrogen [Mass/volume] in Serum or Plasma	Chem	920	pg/mL	pg/mL		Bld*/Ser/Plas
374	2258-2	Estrone (E1) [Mass/volume] in Serum or Plasma	Chem	1123	pg/mL	pg/mL		Bld*/Ser/Plas
375	12215-0	Fatty acids.very long chain [Moles/volume] in Serum or Plasma	Chem	1826	umol/L	umol/L		Bld*/Ser/Plas
376	2276-4	Ferritin [Mass/volume] in Serum or Plasma	Chem	153	ng/mL	ng/mL		Bld*/Ser/Plas
377	2282-2	Folate [Mass/volume] in Blood	Chem	1465	ng/mL	ng/mL		Bld*/Ser/Plas
378	2284-8	Folate [Mass/volume] in Serum or Plasma	Chem	181	ng/mL	ng/mL		Bld*/Ser/Plas
379	15067-2	Follitropin [Units/volume] in Serum or Plasma	Chem	230	[IU]/L	IU/L		Bld*/Ser/Plas
380	721-1	Free Hemoglobin [Mass/volume] in Plasma	Chem	1917	mg/L	mg/L	All of the major referrence laboratories only report free hemoglobin in plasma, not serum.	Bld*/Ser/Plas
381	4635-9	Free Hemoglobin [Mass/volume] in Serum	Chem	1947	mg/dL	mg/dL	Be sure your laboratory really uses serum as the specimen; most large laboratories only report free hemoglobin in plasma (LOINC # 721-1)	Bld*/Ser/Plas
382	15069-8	Fructosamine [Moles/volume] in Serum or Plasma	Chem	970	umol/L	umol/L		Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
383	2324-2	Gamma glutamyl transferase [Enzymatic activity/volume] in Serum or Plasma	Chem	190	U/L	U/L		Bld*/Ser/Plas
384	2333-3	Gastrin [Mass/volume] in Serum or Plasma	Chem	1411	pg/mL	pg/mL		Bld*/Ser/Plas
385	2336-6	Globulin [Mass/volume] in Serum	Chem	83	g/dL	g/dL		Bld*/Ser/Plas
386	10834-0	Globulin [Mass/volume] in Serum by calculation	Chem	62	g/L	g/L		Bld*/Ser/Plas
387	48643-1	Glomerular filtration rate/1.73 sq M predicted among blacks by Creatinine-based formula (MDRD)	Chem	30	mL/min/{1.73m2}	mL/min/173m2		Bld*/Ser/Plas
388	48642-3	Glomerular filtration rate/1.73 sq M predicted among non-blacks by Creatinine-based formula (MDRD)	Chem	29	mL/min/{1.73m2}	mL/min/173m2		Bld*/Ser/Plas
389	33914-3	Glomerular filtration rate/1.73 sq M.predicted by Creatinine-based formula (MDRD)	Chem	26	mL/min/{1.73m2}	mL/min/173m2		Bld*/Ser/Plas
390	2339-0	Glucose [Mass/volume] in Blood	Chem	13	mg/dL	mg/dL		Bld*/Ser/Plas
391	2345-7	Glucose [Mass/volume] in Serum or Plasma	Chem	4	mg/dL	mg/dL		Bld*/Ser/Plas
392	27353-2	Glucose mean value [Mass/volume] in Blood Estimated from glycated hemoglobin	Chem	197	mg/dL	mg/dL		Bld*/Ser/Plas
393	20642-5	Glutamate [Moles/volume] in Serum or Plasma	Chem	1890	umol/L	umol/L		Bld*/Ser/Plas
394	20643-3	Glutamine [Moles/volume] in Serum or Plasma	Chem	1830	umol/L	umol/L		Bld*/Ser/Plas
395	20644-1	Glycine [Moles/volume] in Serum or Plasma	Chem	1885	umol/L	umol/L		Bld*/Ser/Plas
396	4542-7	Haptoglobin [Mass/volume] in Serum or Plasma	Chem	596	mg/dL	mg/dL		Bld*/Ser/Plas
397	4548-4	Hemoglobin A1c/Hemoglobin.total in Blood	Chem	81	%	%	Today, all US HbA1c measurements reported in the US and many other countries are standardized to the NGSP protocol and that has been true for years. This code (LOINC 4548-4) should be used for reporting the HbA1c in the US. Other countries may report HbA1c measure by the IFCC protocol (LOINC 59261-8), a new protocol with results reported in units of mmol/mol. In Japan and parts of Spain it may be reported by the Japanese protocol. All three protocols produce different numeric values.	Bld*/Ser/Plas
398	17856-6	Hemoglobin A1c/Hemoglobin.total in Blood by HPLC	Chem	215	%	%	Don't need to use this term. All HbA1c in US and many other countries are standardized to use LOINC 4548-4.	Bld*/Ser/Plas
399	20645-8	Histidine [Moles/volume] in Serum or Plasma	Chem	1891	umol/L	umol/L		Bld*/Ser/Plas
400	2428-1	Homocysteine [Mass/volume] in Serum or Plasma	Chem	1310	ug/L	ug/L		Bld*/Ser/Plas
401	13965-9	Homocysteine [Moles/volume] in Serum or Plasma	Chem	358	umol/L	umol/L		Bld*/Ser/Plas
402	2458-8	IgA [Mass/volume] in Serum	Chem	220	mg/dL	mg/dL		Bld*/Ser/Plas
403	19113-0	IgE [Units/volume] in Serum	Chem	466	k[IU]/L	kIU/L	In contrast to other immunoglobulins, IgE is almost always reported as k[IU]/Volume. Double check reporting units. Unless they are mass concentration, you probably want to use this term (LOINC 19113-0).	Bld*/Ser/Plas
404	2465-3	IgG [Mass/volume] in Serum	Chem	241	mg/dL	mg/dL		Bld*/Ser/Plas
405	2466-1	IgG subclass 1 [Mass/volume] in Serum	Chem	1026	mg/dL	mg/dL		Bld*/Ser/Plas
406	2467-9	IgG subclass 2 [Mass/volume] in Serum	Chem	1040	mg/dL	mg/dL		Bld*/Ser/Plas
407	2468-7	IgG subclass 3 [Mass/volume] in Serum	Chem	1041	mg/dL	mg/dL		Bld*/Ser/Plas
408	2469-5	IgG subclass 4 [Mass/volume] in Serum	Chem	1039	mg/dL	mg/dL		Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
409	2472-9	IgM [Mass/volume] in Serum	Chem	263	mg/dL	mg/dL		Bld*/Ser/Plas
410	33944-0	Immunoglobulin light chains.lambda.free [Mass/volume] in Serum or Plasma	Chem	535	mg/L	mg/L		Bld*/Ser/Plas
411	20448-7	Insulin [Units/volume] in Serum or Plasma	Chem	392	u[IU]/mL	uIU/mL	(Per Wikipedia http://bit.ly/hohGbq) 1 IU is the biological equivalent of about 45.5 µg pure crystalline insulin (1/22 mg exactly). This corresponds to the old USP insulin unit, first suggested by Frederick Banting et.al. in 1922.	Bld*/Ser/Plas
412	6901-3	Insulin Free [Units/volume] in Serum or Plasma	Chem	1940	u[IU]/mL	uIU/mL		Bld*/Ser/Plas
413	2483-6	Insulin-like growth factor binding protein 3 [Mass/volume] in Serum or Plasma	Chem	1119	ng/mL	ng/mL		Bld*/Ser/Plas
414	2484-4	Insulin-like growth factor-I [Mass/volume] in Serum or Plasma	Chem	614	ng/mL	ng/mL		Bld*/Ser/Plas
415	2498-4	Iron [Mass/volume] in Serum or Plasma	Chem	140	ug/dL	ug/dL		Bld*/Ser/Plas
416	2500-7	Iron binding capacity [Mass/volume] in Serum or Plasma	Chem	157	ug/dL	ug/dL		Bld*/Ser/Plas
417	2501-5	Iron binding capacity.unsaturated [Mass/volume] in Serum or Plasma	Chem	221	ug/dL	ug/dL		Bld*/Ser/Plas
418	2502-3	Iron saturation [Mass Fraction] in Serum or Plasma	Chem	192	%	%		Bld*/Ser/Plas
419	2505-6	Iron/Iron binding capacity.total [Mass ratio] in Serum or Plasma	Chem	490	{ratio}	ratio		Bld*/Ser/Plas
420	20648-2	Isoleucine [Moles/volume] in Serum or Plasma	Chem	1842	umol/L	umol/L		Bld*/Ser/Plas
421	2513-0	Ketones [Presence] in Serum or Plasma	Chem	1276				Bld*/Ser/Plas
422	2518-9	Lactate [Moles/volume] in Arterial blood	Chem	1277	mmol/L	mmol/L		Bld*/Ser/Plas
423	32693-4	Lactate [Moles/volume] in Blood	Chem	475	mmol/L	mmol/L		Bld*/Ser/Plas
424	32133-1	Lactate [Moles/volume] in Plasma venous	Chem	1070	mmol/L	mmol/L		Bld*/Ser/Plas
425	2524-7	Lactate [Moles/volume] in Serum or Plasma	Chem	346	mmol/L	mmol/L		Bld*/Ser/Plas
426	2532-0	Lactate dehydrogenase [Enzymatic activity/volume] in Serum or Plasma	Chem	156	U/L	U/L		Bld*/Ser/Plas
427	21365-2	Leptin [Mass/volume] in Serum or Plasma	Chem	1292	ng/mL	ng/mL		Bld*/Ser/Plas
428	20649-0	Leucine [Moles/volume] in Serum or Plasma	Chem	1843	umol/L	umol/L		Bld*/Ser/Plas
429	3040-3	Lipase [Enzymatic activity/volume] in Serum or Plasma	Chem	139	U/L	U/L		Bld*/Ser/Plas
430	49062-3	Lipid risk factors [Finding]	Chem	766			Part of the proprietary VAP lipid panel.	Bld*/Ser/Plas
431	10835-7	Lipoprotein a [Mass/volume] in Serum or Plasma	Chem	711	mg/dL	mg/dL		Bld*/Ser/Plas
432	43583-4	Lipoprotein a [Moles/volume] in Serum or Plasma	Chem	1364	nmol/L	nmol/L		Bld*/Ser/Plas
433	10501-5	Lutropin [Units/volume] in Serum or Plasma	Chem	271	m[IU]/mL	mIU/mL		Bld*/Ser/Plas
434	20650-8	Lysine [Moles/volume] in Serum or Plasma	Chem	1904	umol/L	umol/L		Bld*/Ser/Plas
435	19123-9	Magnesium [Mass/volume] in Serum or Plasma	Chem	94	mg/dL	mg/dL		Bld*/Ser/Plas
436	2601-3	Magnesium [Moles/volume] in Serum or Plasma	Chem	78	nmol/L	nmol/L		Bld*/Ser/Plas
437	25473-0	Metanephrine [Moles/volume] in Serum or Plasma	Chem	1833	nmol/L	nmol/L	Metanephrine (singular) is a single compound. Be careful, it's not the same as metanephrines (pleural) which = metanephrine (singular) + normetanephrine	Bld*/Ser/Plas
438	38494-1	Metanephrine Free [Mass/volume] in Serum or Plasma	Chem	1812	pg/mL	pg/mL	Metanephrine (singular) is a single compound. Be careful, it's not the same as metanephrines (pleural) which = metanephrine (singular) + normetanephrine	Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
439	25474-8	Metanephrines [Moles/volume] in Serum or Plasma	Chem	1568	nmol/L	nmol/L	Metanephrine (singular) is a single compound. Be careful, it's not the same as metanephrines (pleural) which = metanephrine (singular) + normetanephrine	Bld*/Ser/Plas
440	20651-6	Methionine [Moles/volume] in Serum or Plasma	Chem	1871	umol/L	umol/L		Bld*/Ser/Plas
441	13964-2	Methylmalonate [Moles/volume] in Serum or Plasma	Chem	657	umol/L	umol/L		Bld*/Ser/Plas
442	38476-8	Mullerian inhibiting substance [Mass/volume] in Serum or Plasma	Chem	1599	ng/mL	ng/mL		Bld*/Ser/Plas
443	2639-3	Myoglobin [Mass/volume] in Serum or Plasma	Chem	496	ng/mL	ng/mL		Bld*/Ser/Plas
444	42637-9	Natriuretic peptide B [Mass/volume] in Blood	Chem	847	pg/mL	pg/mL		Bld*/Ser/Plas
445	30934-4	Natriuretic peptide B [Mass/volume] in Serum or Plasma	Chem	204	pg/mL	pg/mL		Bld*/Ser/Plas
446	33762-6	Natriuretic peptide.B prohormone [Mass/volume] in Serum or Plasma	Chem	516	pg/mL	pg/mL		Bld*/Ser/Plas
447	2669-0	Normetanephrine [Mass/volume] in Serum or Plasma	Chem	1698	pg/mL	pg/mL		Bld*/Ser/Plas
448	25489-6	Normetanephrine [Moles/volume] in Serum or Plasma	Chem	1286	nmol/L	nmol/L		Bld*/Ser/Plas
449	20652-4	Ornithine [Moles/volume] in Serum or Plasma	Chem	1902	umol/L	umol/L		Bld*/Ser/Plas
450	2692-2	Osmolality of Serum or Plasma	Chem	329	mosm/kg	mosm/kg	Represents directly measured osmolality	Bld*/Ser/Plas
451	18182-6	Osmolality of Serum or Plasma by calculation	Chem	1585	mosm/kg	mosm/kg	Represents osmolality calculated from a formula based on sodium, glucose and urea nitrogen concentrations.	Bld*/Ser/Plas
452	2731-8	Parathyrin.intact [Mass/volume] in Serum or Plasma	Chem	240	pg/mL	pg/mL	Note there is also a biologically intact PTH which identifies more of the polypeptide. The intact and biologically intact PTH are important for confirming removal of parathyroid tumor. Note other more specific LOINC codes exist that define value of PTH post surgery	Bld*/Ser/Plas
453	2753-2	pH of Serum or Plasma	Chem	160	[pH]	pH		Bld*/Ser/Plas
454	14875-9	Phenylalanine [Moles/volume] in Serum or Plasma	Chem	1829	umol/L	umol/L		Bld*/Ser/Plas
455	2761-5	Phenylketones [Presence] in Blood	Chem	633				Bld*/Ser/Plas
456	2777-1	Phosphate [Mass/volume] in Serum or Plasma	Chem	69	mg/dL	mg/dL		Bld*/Ser/Plas
457	6298-4	Potassium [Moles/volume] in Blood	Chem	106	mmol/L	mmol/L		Bld*/Ser/Plas
458	2823-3	Potassium [Moles/volume] in Serum or Plasma	Chem	3	mmol/L	mmol/L		Bld*/Ser/Plas
459	14338-8	Prealbumin [Mass/volume] in Serum or Plasma	Chem	285	g/dL	g/dL		Bld*/Ser/Plas
460	2837-3	Pregnenolone [Mass/volume] in Serum or Plasma	Chem	1374	ng/dL	ng/dL		Bld*/Ser/Plas
461	2839-9	Progesterone [Mass/volume] in Serum or Plasma	Chem	318	ng/mL	ng/mL		Bld*/Ser/Plas
462	2842-3	Prolactin [Mass/volume] in Serum or Plasma	Chem	290	ng/mL	ng/mL		Bld*/Ser/Plas
463	20655-7	Proline [Moles/volume] in Serum or Plasma	Chem	1892	umol/L	umol/L		Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
464	**Prostate Specific Antigen** Two Prostate Specific Antigen tests should be distinguished; a) the routine test: 2857-1 Prostate specific Ag [Mass/volume] in Serum or Plasma b) the high sensitivity test : 35741-8 Prostate specific Ag [Mass/volume] in Serum or Plasma by Detection limit = 0.01 ng/mL These are both reported in units of ng/mL (or the equivalent ug/L). The first is used for screening and represents the vast majority of the PSA testing. The high sensitivity test is more expensive and should not be used for screening. Its primary use is to verify the success of total prostatectomy. The surgeon who wants to be sure he/she has eliminated all prostate tissue, needs a sensitive assay. Two other measures of PSA are the Free PSA (the amount that is not bound to serum proteins) and the ratio of the free to the total PSA. Codes for both of these terms are available in LOINC, but they are ordered much less frequently than the routine PSA test. LOINC also includes PSA measures reported in molar terms for countries that use SI units (as it does for most tests), and includes some PSA codes for reporting in arbitrary unit concentrations, but for practical purposes these are no longer used.							
465	2857-1	Prostate specific Ag [Mass/volume] in Serum or Plasma	Chem	124	ng/mL	ng/mL		Bld*/Ser/Plas
466	35741-8	Prostate specific Ag [Mass/volume] in Serum or Plasma by Detection limit = 0.01 ng/mL	Chem	934	ug/L	ug/L		Bld*/Ser/Plas
467	10886-0	Prostate Specific Ag Free [Mass/volume] in Serum or Plasma	Chem	554	ng/mL	ng/mL		Bld*/Ser/Plas
468	19201-3	Prostate Specific Ag Free [Units/volume] in Serum or Plasma	Chem	1854				Bld*/Ser/Plas
469	12841-3	Prostate Specific Ag Free/Prostate specific Ag.total in Serum or Plasma	Chem	532	%	%		Bld*/Ser/Plas
470	20420-6	Prostatic acid phosphatase [Mass/volume] in Serum	Chem	1931	ng/mL	ng/mL		Bld*/Ser/Plas
471	2885-2	Protein [Mass/volume] in Serum or Plasma	Chem	22	g/dL	g/dL		Bld*/Ser/Plas
472	2892-8	Protoporphyrin Free [Mass/volume] in Blood	Chem	1751	ug/dL	ug/dL		Bld*/Ser/Plas
473	2900-9	Pyridoxine [Mass/volume] in Serum or Plasma	Chem	1205	ng/mL	ng/mL	Vitamin B6	Bld*/Ser/Plas
474	14121-8	Pyruvate [Moles/volume] in Blood	Chem	1838	mmol/L	mmol/L		Bld*/Ser/Plas
475	2915-7	Renin [Enzymatic activity/volume] in Plasma	Chem	822	ng/mL/h	ng/mL/h		Bld*/Ser/Plas
476	2923-1	Retinol [Mass/volume] in Serum or Plasma	Chem	942	ug/mL	ug/mL		Bld*/Ser/Plas
477	38496-6	Retinyl palmitate [Mass/volume] in Serum or Plasma	Chem	1524	ug/mL	ug/mL		Bld*/Ser/Plas
478	20656-5	Serine [Moles/volume] in Serum or Plasma	Chem	1886	umol/L	umol/L		Bld*/Ser/Plas
479	13967-5	Sex hormone binding globulin [Moles/volume] in Serum or Plasma	Chem	681	nmol/L	nmol/L	Used as denominator in calculation of free androgen index	Bld*/Ser/Plas
480	2947-0	Sodium [Moles/volume] in Blood	Chem	129	mmol/L	mmol/L		Bld*/Ser/Plas
481	2951-2	Sodium [Moles/volume] in Serum or Plasma	Chem	5	mmol/L	mmol/L		Bld*/Ser/Plas
482	2963-7	Somatotropin [Mass/volume] in Serum or Plasma	Chem	990	ng/mL	ng/mL	Most US referral labs report as ng/mL (this test) not IU/mL.	Bld*/Ser/Plas
483	20657-3	Taurine [Moles/volume] in Serum or Plasma	Chem	1888	umol/L	umol/L		Bld*/Ser/Plas
484	2986-8	Testosterone [Mass/volume] in Serum or Plasma	Chem	203	ng/dL	ng/dL		Bld*/Ser/Plas
485	49041-7	Testosterone [Mass/volume] in Serum or Plasma by Detection limit = 1.0 ng/dL	Chem	1740	ng/dL	ng/dL		Bld*/Ser/Plas
486	2991-8	Testosterone Free [Mass/volume] in Serum or Plasma	Chem	325	pg/mL	pg/mL		Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
487	49042-5	Testosterone Free [Mass/volume] in Serum or Plasma by Detection limit = 1.0 ng/dL	Chem	1753	pg/mL	pg/mL		Bld*/Ser/Plas
488	25987-9	Testosterone Free [Moles/volume] in Serum or Plasma by Radioimmunoassay (RIA)	Chem	1710	mmol/L	mmol/L		Bld*/Ser/Plas
489	15432-8	Testosterone Free/Testosterone.total in Serum or Plasma	Chem	707	%	%		Bld*/Ser/Plas
490	6891-6	Testosterone.bioavailable/Testosterone.total in Serum or Plasma	Chem	1224	%	%		Bld*/Ser/Plas
491	**Thiamine** Thiamine can be measured in serum and in whole blood. LOINC has codes for both of these. Most of the thiamine in circulation is actually contained within the red cells. So whole blood thiamine does not correct rapidly with eating while serum thiamine does. But serum thiamine is much less expensive and therefore it is the more commonly ordered test. Serum thiamine will rarely include the word "serum" in its name. It will be named "thiamine." The whole blood cell thiamine, on the other hand, will usually include whole blood in its name. It is usually reported as RBC.							
492	2998-3	Thiamine [Mass/volume] in Blood	Chem	1265	ug/dL	ug/dL		Bld*/Ser/Plas
493	2999-1	Thiamine [Mass/volume] in Serum or Plasma	Chem	1439	ug/dL	ug/dL		Bld*/Ser/Plas
494	32554-8	Thiamine [Moles/volume] in Blood	Chem	1306	nmol/L	nmol/L		Bld*/Ser/Plas
495	20468-5	Thiamine [Moles/volume] in Serum or Plasma	Chem	1550	nmol/L	nmol/L		Bld*/Ser/Plas
496	20658-1	Threonine [Moles/volume] in Serum or Plasma	Chem	1887	umol/L	umol/L		Bld*/Ser/Plas
497	3013-0	Thyroglobulin [Mass/volume] in Serum or Plasma	Chem	610	ng/dL	ng/dL		Bld*/Ser/Plas
498	38505-4	Thyroglobulin recovery in Serum or Plasma	Chem	1150	%	%	This is a 2nd phase test after measuring thyroglobulin binding antibodies which if high triggers a test of how much TG can be recovered. Only important in rare cases related to thyroid cancer	Bld*/Ser/Plas
499	30166-3	Thyroid stimulating immunoglobulins actual/normal in Serum	Chem	1099	%{basalactivity}	%basalactivity		Bld*/Ser/Plas

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
	Thyrotropin TSH has three codes in LOINC which differ by their detection limits. 1) The so-called first-generation TSH test was of low sensitivity, such that it was not useful for diagnosing or following hyperthyroidism. It is no longer commercially available. LOINC has a code with no specified detection limit. 3016-3 Thyrotropin [Units/volume] in Serum or Plasma This code has existed since the first release of LOINC (in 1994). Today you should avoid mapping to it except when you are mapping old TSH tests whose sensitivity cannot be ascertained. 2) The so-called 2nd generation TSH has a detection limit of <= .05 mIU/L and is now the routine TSH test in most settings. 11579-0 Thyrotropin [Units/volume] in Serum or Plasma by Detection limit <= 0.05 mIU/L It has the advantage over earlier tests in that it can detect both hyperthyroidism (reflected by an abnormally low TSH) and hypothyroidism, reflected by an abnormally high TSH. 3) A third-generation TSH with a detection limit of <= .005 mIU/L also exists. Labs usually add high sensitivity or ultra sensitive or 3rd generation to its name. It only offers advantage over the 2nd generation test in special cases. Because of its limited measurement range at the high end, it can require more work (extra dilution steps) to quantify the value of very high TSH levels, but it is widely available. 11580-8 Thyrotropin [Units/volume] in Serum or Plasma by high sensitivity Detection limit <= 0.005 mIU/L							
500	LOINC includes codes for TSH tests that are reported in mass concentrations and molar concentrations. However, all current TSH test results are reported as mIU/L (or equivalent). Except in very special circumstances, the only TSH variables to which you should map are the two immediately above.							
501	3016-3	Thyrotropin [Units/volume] in Serum or Plasma	Chem	105	m[IU]/L	mIU/L		Bld*/Ser/Plas
502	11580-8	Thyrotropin [Units/volume] in Serum or Plasma by Detection limit <= 0.005 mIU/L	Chem	165	m[IU]/L	mIU/L		Bld*/Ser/Plas
503	11579-0	Thyrotropin [Units/volume] in Serum or Plasma by Detection limit <= 0.05 mIU/L	Chem	75	m[IU]/L	mIU/L		Bld*/Ser/Plas
504	3026-2	Thyroxine (T4) [Mass/volume] in Serum or Plasma	Chem	145	ug/dL	ug/dL		Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
505	**T4Free** Free Thyroxine (T4) — the amount of T4 that is not bound to protein — has two types of LOINC codes. One type of code includes no method specificity (see LOINC 3024-7 [Mass/volume] or 14920-3 [Moles/volume]), and is the code you should be using in most cases. The other type of code (see LOINC 6892-4 [Mass/volume] or 70217-5 [Moles/volume]) has the method of "by dialysis," which is more expensive and used only in special circumstances, such as when interfering proteins prevent the accurate measure of free T4 by the routine method. Thryroxine free index (LOINC 32215-6) is the ratio of free T4 to total T4 and is often included along with reports of free and total T4.							
506	3024-7	Thyroxine (T4) free [Mass/volume] in Serum or Plasma	Chem	133	ng/dL	ng/dL		Bld*/Ser/Plas
507	6892-4	Thyroxine (T4) free [Mass/volume] in Serum or Plasma by Dialysis	Chem	1494	ng/dL	ng/dL		Bld*/Ser/Plas
508	32215-6	Thyroxine (T4) free index in Serum or Plasma	Chem	222	ng/dL	ng/dL	Equals the product of T4 X T3RU	Bld*/Ser/Plas
509	3034-6	Transferrin [Mass/volume] in Serum or Plasma	Chem	809	mg/dL	mg/dL		Bld*/Ser/Plas
510	3043-7	Triglyceride [Mass/volume] in Blood	Chem	1592	mg/dL	mg/dL	This is the POC test; triglyceride is more often measured in serum.	Bld*/Ser/Plas
511	2571-8	Triglyceride [Mass/volume] in Serum or Plasma	Chem	36	mg/dL	mg/dL		Bld*/Ser/Plas
512	3053-6	Triiodothyronine (T3) [Mass/volume] in Serum or Plasma	Chem	223	ng/dL	ng/dL		Bld*/Ser/Plas
513	3051-0	Triiodothyronine (T3) Free [Mass/volume] in Serum or Plasma	Chem	274	pg/mL	pg/mL		Bld*/Ser/Plas
514	3052-8	Triiodothyronine (T3).reverse [Mass/volume] in Serum or Plasma	Chem	1057	pg/mL	pg/mL	This test has never proven to be useful for the sick euthyroid syndrome. It is only useful for a very very rare metabolic defect and has fallen out of favor.	Bld*/Ser/Plas
515	3050-2	Triiodothyronine resin uptake (T3RU) in Serum or Plasma	Chem	200	%	%	The only purpose of the T3RU is to calcluate the FTI, which has fallen out of favor because the Free T4 provides the information that is really needed. Also, it is more accurate and less expensive than the T3RU.	Bld*/Ser/Plas
516	10839-9	Troponin I.cardiac [Mass/volume] in Serum or Plasma	Chem	113	ng/mL	ng/mL		Bld*/Ser/Plas
517	49563-0	Troponin I.cardiac [Mass/volume] in Serum or Plasma by Detection limit = 0.01 ng/mL	Chem	449	ng/mL	ng/mL		Bld*/Ser/Plas
518	6598-7	Troponin T.cardiac [Mass/volume] in Serum or Plasma	Chem	291	ug/L	ug/L		Bld*/Ser/Plas
519	21582-2	Tryptase [Mass/volume] in Serum or Plasma	Chem	1562	ng/mL	ng/mL		Bld*/Ser/Plas
520	20660-7	Tyrosine [Moles/volume] in Serum or Plasma	Chem	1868	umol/L	umol/L		Bld*/Ser/Plas
521	27923-2	Ubiquinone 10 [Mass/volume] in Serum or Plasma	Chem	1181	ug/mL	ug/mL		Bld*/Ser/Plas
522	3084-1	Urate [Mass/volume] in Serum or Plasma	Chem	142	mg/dL	mg/dL		Bld*/Ser/Plas
523	6299-2	Urea nitrogen [Mass/volume] in Blood	Chem	288	mg/dL	mg/dL	(Usually called BUN) - This would be the POC instrument	Bld*/Ser/Plas
524	3094-0	Urea nitrogen [Mass/volume] in Serum or Plasma	Chem	6	mg/dL	mg/dL	Usually called BUN	Bld*/Ser/Plas
525	11064-3	Urea nitrogen [Mass/volume] in Serum or Plasma --post dialysis	Chem	921	mg/dL	mg/dL	Usually called BUN	Bld*/Ser/Plas
526	11065-0	Urea nitrogen [Mass/volume] in Serum or Plasma --pre dialysis	Chem	931	mg/dL	mg/dL	Usually called BUN	Bld*/Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
527	3097-3	Urea nitrogen/Creatinine [Mass ratio] in Serum or Plasma	Chem	55	{ratio}	ratio		Bld*/Ser/Plas
528	20661-5	Valine [Moles/volume] in Serum or Plasma	Chem	1834	umol/L	umol/L		Bld*/Ser/Plas
529	1747-5	Albumin [Mass/volume] in Body fluid	Chem	1032	g/dL	g/dL		Body fld
530	1795-4	Amylase [Enzymatic activity/volume] in Body fluid	Chem	771	U/L	U/L		Body fld
531	1974-5	Bilirubin [Mass/volume] in Body fluid	Chem	1909	mg/dL	mg/dL		Body fld
532	12190-5	Creatinine [Mass/volume] in Body fluid	Chem	1234	mg/dL	mg/dL		Body fld
533	2344-0	Glucose [Mass/volume] in Body fluid	Chem	788	mg/dL	mg/dL		Body fld
534	2529-6	Lactate dehydrogenase [Enzymatic activity/volume] in Body fluid	Chem	807	U/L	U/L		Body fld
535	15212-4	Lipase [Enzymatic activity/volume] in Body fluid	Chem	1322	U/dL	U/dL		Body fld
536	2748-2	pH of Body fluid	Chem	953	[pH]	pH		Body fld
537	2881-1	Protein [Mass/volume] in Body fluid	Chem	704	g/dL	g/dL		Body fld
538	3093-2	Urea nitrogen [Mass/volume] in Body fluid	Chem	1652	mg/dL	mg/dL		Body fld
539	1746-7	Albumin [Mass/volume] in Cerebral spinal fluid	Chem	1589	mg/dL	mg/dL		CSF
540	2873-8	Gamma globulin [Mass/volume] in Cerebral spinal fluid by Electrophoresis	Chem	1243	mg/dL	mg/dL		CSF
541	2342-4	Glucose [Mass/volume] in Cerebral spinal fluid	Chem	550	mg/dL	mg/dL		CSF
542	2464-6	IgG [Mass/volume] in Cerebral spinal fluid	Chem	1535	mg/dL	mg/dL		CSF
543	2638-5	Myelin basic protein [Mass/volume] in Cerebral spinal fluid	Chem	1828	ng/mL	ng/mL		CSF
544	2880-3	Protein [Mass/volume] in Cerebral spinal fluid	Chem	534	mg/dL	mg/dL		CSF
545	49295-9	Protein Fractions [interpretation] in Cerebral spinal fluid by Electrophoresis Narrative	Chem	1694				CSF
546	12782-9	Protein fractions.oligoclonal bands [interpretation] in Cerebral spinal fluid by Electrophoresis	Chem	1492				CSF
547	13451-0	Creatinine dialysis fluid clearance	Chem	398	mL/min	mL/min		Dial fld+Ser/Plas
548	2334-1	Hemoglobin.gastrointestinal [Presence] in Gastric fluid	Chem	1920			Occult Blood in gastric fluid	Gast fld
549	2749-0	pH of Gastric fluid	Chem	1807	[pH]	pH		Gast fld
550	2283-0	Folate [Mass/volume] in Red Blood Cells	Chem	743	ng/mL	ng/mL	Serum folate (see LOINC 2284-8 [MCnc] or 14732-2 [SCnc]) is the more common measure because it is less expensive than RBC folate.	RBC
551	32546-4	Glucose-6-Phosphate dehydrogenase [Enzymatic activity/mass] in Red Blood Cells	Chem	1576	U/g{Hb}	U/gHb		RBC
552	2357-2	Glucose-6-Phosphate dehydrogenase [Enzymatic activity/volume] in Red Blood Cells	Chem	1203	U/g{Hb}	U/gHb		RBC
553	2597-3	Magnesium [Moles/volume] in Red Blood Cells	Chem	1697	mmol/L	mmol/L		RBC
554	2895-1	Protoporphyrin.zinc [Mass/volume] in Red Blood Cells	Chem	1704	ug/dL	ug/dL		RBC
555	2142-8	Cortisol [Mass/volume] in Saliva	Chem	1926	ug/dL	ug/dL		Saliva
556	14117-6	IgG index in Serum & CSF	Chem	1822	{ratio}	ratio		Ser+CSF
557	14116-8	IgG synthesis rate [Mass/time] in Serum & CSF by calculation	Chem	1773	mg/(24.hr)	mg/24hr		Ser+CSF
558	2270-7	Fat [Presence] in Stool	Chem	1145				Stool
559	12598-9	Fat.neutral [Presence] in Stool	Chem	1633				Stool
560	2605-4	Meat fibers [Presence] in Stool by Light microscopy	Chem	1315				Stool
561	11060-1	Reducing substances [Presence] in Stool	Chem	1800				Stool

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
562	2077-6	Chloride [Moles/volume] in Sweat	Chem	1168	mmol/L	mmol/L		Sweat
563	Urinalysis There are three variations on how analytes are reported in urine: 1) The spot urine or random urine measures – which LOINC describes as the “point in time” urine. The LOINC codes for those will have 'Pt' (for point in time) in the timing specification and a concentration (e.g., MCnc, SCnc or CCnc) as its property. The same analytes can be analyzed in a timed urine (usually 24-hour collection). In this case, the laboratory will report: 2) The concentration on a portion of what is collected. 3) The excretion rate over 24 hours, which is obtained by multiplying the measured concentration by the volume of the 24-hour collection. Therefore, on the 24-hour urine you will usually see a concentration and a rate of excretion. Most laboratories report units of mg or molar per 24 hours or per day. A few labs report the daily excretion in mg or molar per total volume because, with 24 hour urine collections, one can never be sure the collection is a complete 24 hour collection. However, the normal ranges reported in these cases are almost always 24 hour normal. So we recommend mapping these per/total volume specimens as though they are 24 hour collections. Altogether there are three different possible LOINC codes for a given urine analyte, so you have to distinguish: a) Analyte:MCnc or SCnc:Pt:Urine:Qn b) Analyte:MCnc or SCnc:24H:Urine:Qn c) Analyte:MRat or SRat:24H:Urine:Qn Some laboratories use the same internal code to identify the concentration of a random urine and the concentration of a 24-hour urine. Laboratories may also report the ratio of an analyte to creatinine in the urine, using the creatinine to correct for incomplete timed urine collections. A measure of analyte/creatinine can be done on spot (random) urines and on 24 hour timed collections of urine. In some cases the time of the collection is deliberately not specified in the test name, but is specified somewhere else with alternative times like 2 hours or 4 hours. Some such specific durations are available in							
564	1695-6	5-Hydroxyindoleacetate [Mass/time] in 24 hour Urine	Chem	1449	mg/(24.h)	mg/24h		Urine
565	1978-6	Bilirubin [Mass/volume] in Urine	Chem	171	mg/dL	mg/dL		Urine
566	1977-8	Bilirubin [Presence] in Urine	Chem	621				Urine
567	6874-2	Calcium [Mass/time] in 24 hour Urine	Chem	902	mg/(24.h)	mg/24h		Urine
568	18488-7	Calcium [Mass/volume] in 24 hour Urine	Chem	1090	mg/L	mg/L		Urine
569	35675-8	Calcium [Mass/volume] in unspecified time Urine	Chem	1359	mg/dL	mg/dL		Urine
570	17862-4	Calcium [Mass/volume] in Urine	Chem	859	mg/dL	mg/dL		Urine
571	13538-4	Carbon dioxide, total [Moles/volume] in Urine	Chem	1852	mmol/L	mmol/L		Urine
572	35676-6	Chloride [Moles/volume] in unspecified time Urine	Chem	997	mmol/L	mmol/L		Urine
573	2078-4	Chloride [Moles/volume] in Urine	Chem	697	mmol/L	mmol/L		Urine
574	2106-3	Choriogonadotropin (pregnancy test) [Presence] in Urine	Chem	184			Pregnancy test	Urine
575	2112-1	Choriogonadotropin.beta subunit (pregnancy test) [Presence] in Urine	Chem	1227			Pregnancy test	Urine

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
576	6687-8	Citrate [Mass/time] in 24 hour Urine	Chem	1252	mg/(24.h)	mg/24h		Urine
577	27939-8	Collagen crosslinked N-telopeptide [Moles/volume] in Urine	Chem	1419	nmol/ml	nmol/ml		Urine
578	14115-0	Collagen crosslinked N-telopeptide/Creatinine [Molar ratio] in Urine	Chem	1140	nmol{BCE}/mmol{creat}	nmolBCE/mmol creat		Urine
579	13362-9	Collection duration of Urine	Chem	258	h	h		Urine
580	19086-8	Collection of urine specimen end date	Chem	1688	{date}	date		Urine
581	19087-6	Collection of urine specimen end time	Chem	1689	{clock time}	clock time		Urine
582	19088-4	Collection of urine specimen start date	Chem	1683	{date}	date		Urine
583	19089-2	Collection of urine specimen start time	Chem	1685	{clock time}	clock time		Urine
584	2147-7	Cortisol Free [Mass/time] in 24 hour Urine	Chem	1061	ug/(24.h)	ug/24h		Urine
585	11040-3	Cortisol Free [Mass/volume] in Urine	Chem	1474	ug/dL	ug/dL		Urine
586	2162-6	Creatinine [Mass/time] in 24 hour Urine	Chem	445	g/(24.h)	g/24h		Urine
587	20624-3	Creatinine [Mass/volume] in 24 hour Urine	Chem	1978	mg/dL	mg/dL		Urine
588	35674-1	Creatinine [Mass/volume] in unspecified time Urine	Chem	359	mg/dL	mg/dL		Urine
589	2161-8	Creatinine [Mass/volume] in Urine	Chem	161	mg/dL	mg/dL		Urine
590	2218-6	Dopamine [Mass/time] in 24 hour Urine	Chem	1270	ug/(24.h)	ug/24h		Urine
591	2217-8	Dopamine [Mass/volume] in Urine	Chem	1794	ug/L	ug/L		Urine
592	2232-7	Epinephrine [Mass/time] in 24 hour Urine	Chem	1240	ug/(24.h)	ug/24h		Urine
593	11046-0	Epinephrine [Mass/volume] in Urine	Chem	1795	pg/mL	pg/mL		Urine
594	2272-3	Fat [Presence] in Urine	Chem	1965				Urine
595	2350-7	Glucose [Mass/volume] in Urine	Chem	1730	mg/dL	mg/dL		Urine
596	2349-9	Glucose [Presence] in Urine	Chem	116				Urine
597	33903-6	Ketones [Presence] in Urine	Chem	217				Urine
598	19049-6	Metanephrine [Mass/time] in 24 hour Urine	Chem	1271	ug/(24.h)	ug/24h	Metanephrine (singular) is not same as metanephrines (pleural).	Urine
599	2609-6	Metanephrines [Mass/time] in 24 hour Urine	Chem	1344	ug/(24.h)	ug/24h	Metanephrines (pleural) = metanephrine (singular) + normetanephrine	Urine
600	19050-4	Metanephrines [Mass/volume] in 24 hour Urine	Chem	1678	ng/mL		Metanephrines (pleural) = metanephrine (singular) + normetanephrine	Urine
601	**Microalbumin** Be aware that the routine albumin measure is insensitive to small amounts of albumin, and thus can not detect the albumin leakage that is a sign of early damage in diabetics. This damage can be slowed or prevented if treated early; so for diabetics, the physician should order the test called micro-albumin, which is a more sensitive measure of urine albumin (detection limit of <= 20 micrograms/deciliter) that can detect such early damage. Also, some laboratories report the albumin excretion rate as both mg/(24.h) and ug/min in the same report. To accommodate this dual reporting LOINC has made an exception to its usual rule about not creating different codes for terms with the same property of the 2nd part of the formal LOINC name just because they have different units of measure. We have provided different LOINC codes for those tests.							
602	14956-7	Microalbumin [Mass/time] in 24 hour Urine	Chem	1294	mg/(24.h)	mg/24h		Urine
603	30003-8	Microalbumin [Mass/volume] in 24 hour Urine	Chem	1973	mg/dL	mg/dL		Urine
604	14957-5	Microalbumin [Mass/volume] in Urine	Chem	175	mg/dL	mg/dL		Urine
605	58448-2	Microalbumin ug/min [Mass/time] in 24 hour Urine	Chem	176				Urine
606	14958-3	Microalbumin/Creatinine [Mass ratio] in 24 hour Urine	Chem	1979	mg/g{creat}	mg/gcreat		Urine
607	14959-1	Microalbumin/Creatinine [Mass ratio] in Urine	Chem	212	mg/g{creat}	mg/gcreat		Urine

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
608	2640-1	Myoglobin [Presence] in Urine	Chem	1264				Urine
609	2668-2	Norepinephrine [Mass/time] in 24 hour Urine	Chem	1257	ug/(24.h)	ug/24h		Urine
610	2667-4	Norepinephrine [Mass/volume] in Urine	Chem	1796	ug/mL	ug/mL		Urine
611	2671-6	Normetanephrine [Mass/time] in 24 hour Urine	Chem	1186	ug/(24.h)	ug/24h		Urine
612	21422-1	Normetanephrine [Mass/volume] in 24 hour Urine	Chem	1700	ug/mL	ug/mL		Urine
613	2695-5	Osmolality of Urine	Chem	556	mosm/kg	mosm/kg	Measured osmolality	Urine
614	2701-1	Oxalate [Mass/time] in 24 hour Urine	Chem	1653	mg/(24.h)	mg/24h		Urine
615	2700-3	Oxalate [Mass/volume] in Urine	Chem	1876	ug/mL	ug/mL		Urine
616	14862-7	Oxalate [Moles/time] in 24 hour Urine	Chem	1660	umol/(24.h)	umol/24h		Urine
617	2756-5	pH of Urine	Chem	612	[pH]	pH		Urine
618	2779-7	Phosphate [Mass/time] in 24 hour Urine	Chem	1478	mg/(24.h)	mg/24h		Urine
619	2778-9	Phosphate [Mass/volume] in Urine	Chem	1197	mg/dL	mg/dL		Urine
620	2828-2	Potassium [Moles/volume] in Urine	Chem	493	mmol/L	mmol/L		Urine
621	2889-4	Protein [Mass/time] in 24 hour Urine	Chem	487	g/(24.h)	g/24h		Urine
622	21482-5	Protein [Mass/volume] in 24 hour Urine	Chem	1696	g/dL	g/dL		Urine
623	35663-4	Protein [Mass/volume] in unspecified time Urine	Chem	635	mg/dL	mg/dL		Urine
624	2888-6	Protein [Mass/volume] in Urine	Chem	292	g/dL	g/dL		Urine
625	2890-2	Protein/Creatinine [Mass ratio] in Urine	Chem	509	mg/g{creat}	mg/gcreat		Urine
626	2956-1	Sodium [Moles/time] in 24 hour Urine	Chem	1217	mmol/(24.h)	mmol/24h		Urine
627	21525-1	Sodium [Moles/volume] in 24 hour Urine	Chem	1451	mol/L	mol/L		Urine
628	35678-2	Sodium [Moles/volume] in unspecified time Urine	Chem	689	mmol/L	mmol/L		Urine
629	2955-3	Sodium [Moles/volume] in Urine	Chem	412	mmol/L	mmol/L		Urine
630	2965-2	Specific gravity of Urine	Chem	122	{ratio}	ratio		Urine
631	3087-4	Urate [Mass/time] in 24 hour Urine	Chem	1295	g/(24.h)	g/24h		Urine
632	3086-6	Urate [Mass/volume] in Urine	Chem	1405	mg/dL	mg/dL		Urine
633	3096-5	Urea nitrogen [Mass/time] in 24 hour Urine	Chem	1727	g/(24.h)	g/24h		Urine
634	3095-7	Urea nitrogen [Mass/volume] in Urine	Chem	682	mg/dL	mg/dL		Urine
635	3107-0	Urobilinogen [Mass/volume] in Urine	Chem	107	mg/dL	mg/dL		Urine
636	3122-9	Vanillylmandelate [Mass/time] in 24 hour Urine	Chem	1351	mg/(24.h)	mg/24h	Note, VMA is no longer the analyte of choice for diagnosing pheochromocytoma	Urine
637	9624-8	Vanillylmandelate [Mass/volume] in Urine	Chem	1837			Note, VMA is no longer the analyte of choice for diagnosing pheochromocytoma	Urine
638	3167-4	Volume of 24 hour Urine	Chem	387	L	L		Urine
639	19153-6	Volume of unspecified time Urine	Chem	793	mL	mL		Urine
640	28009-9	Volume of Urine	Chem	1602	mL	mL		Urine
641	2164-2	Creatinine renal clearance in 24 hour	Chem	586	mL/min	mL/min		Urine+Ser/Plas
642	12195-4	Creatinine renal clearance/1.73 sq M in 24 hour	Chem	1269	mL/min/{1.7}	mL/min/17		Urine+Ser/Plas
643	20404-0	Fibronectin.fetal [Presence] in Vaginal fluid	Chem	813			Used to predict pre-term pregnancy	Vag
644	48039-2	Fibronectin.fetal [Presence] in Unspecified specimen	Chem	1183				XXX
645	31208-2	Specimen source [Identifier] of Unspecified specimen	Chem	264				XXX
646	Chem-Bld Gas							

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
647	Notice that hemoglobin has distinct codes for blood arterial (BldA) and for blood venous (BldV) as well as just blood (Bld) without specifying the side of the circulation. These distinctions are a convenience for defining blood gas panels and showing the same specimen across all tests within the panel. There should be no difference in the concentration of hemoglobulin in an arterial versus a venous blood sample, so we do not encourage this distinction. If you use the specimen type Bld (not BldA or BldV) for blood gas reports, you must also include a result to indicate whether the specimen is arterial or venous.							
648	30318-0	Base deficit in Blood	Chem-Bld Gas	471	mmol/L	mmol/L	Rarely reported as such. The base excess says it all.	Bld
649	11555-0	Base excess in Blood	Chem-Bld Gas	84	mmol/L	mmol/L		Bld
650	34705-4	Carbon dioxide [Partial pressure] adjusted to patients actual temperature in Blood	Chem-Bld Gas	618	mm[Hg]	mmHg		Bld
651	11557-6	Carbon dioxide [Partial pressure] in Blood	Chem-Bld Gas	86	mm[Hg]	mmHg		Bld
652	20563-3	Carboxyhemoglobin/Hemoglobin.total in Blood	Chem-Bld Gas	875	%	%		Bld
653	11559-2	Fractional oxyhemoglobin in Blood	Chem-Bld Gas	1808	%	%	Fractional oxygen saturation (HbO2)	Bld
654	2614-6	Methemoglobin/Hemoglobin.total in Blood	Chem-Bld Gas	820	%	%		Bld
655	19254-2	Oxygen [Partial pressure] adjusted to patients actual temperature in Blood	Chem-Bld Gas	619	mm[Hg]	mmHg		Bld
656	11556-8	Oxygen [Partial pressure] in Blood	Chem-Bld Gas	87	mm[Hg]	mmHg		Bld
657	20564-1	Oxygen saturation in Blood	Chem-Bld Gas	426	%	%	This functional oxygen saturation (SO2) term (LOINC 20564-1) is a better measure than the calculated version (LOINC 2713-6).	Bld
658	2713-6	Oxygen saturation.calculated from oxygen partial pressure in Blood	Chem-Bld Gas	95	%	%	This (calculated) functional oxygen saturation (SO2) term (LOINC 2713-6) is not as good as the direct measure (LOINC 20564-1).	Bld
659	11558-4	pH of Blood	Chem-Bld Gas	97	[pH]	pH		Bld
660	49701-6	pH of Blood adjusted to patients actual temperature	Chem-Bld Gas	1223	[pH]	pH		Bld
661	1922-4	Base deficit in Arterial blood	Chem-Bld Gas	498	mmol/L	mmol/L		BldA
662	1925-7	Base excess in Arterial blood	Chem-Bld Gas	389	mmol/L	mmol/L		BldA
663	1960-4	Bicarbonate [Moles/volume] in Arterial blood	Chem-Bld Gas	310	mmol/L	mmol/L		BldA
664	2019-8	Carbon dioxide [Partial pressure] in Arterial blood	Chem-Bld Gas	205	mm[Hg]	mmHg		BldA
665	2026-3	Carbon dioxide, total [Moles/volume] in Arterial blood	Chem-Bld Gas	938	mmol/L	mmol/L		BldA
666	2030-5	Carboxyhemoglobin/Hemoglobin.total in Arterial blood	Chem-Bld Gas	1815	%	%		BldA
667	2714-4	Fractional oxyhemoglobin in Arterial blood	Chem-Bld Gas	939	%	%	Fractional oxygen saturation arterial blood (HbO2)	BldA
668	30313-1	Hemoglobin [Mass/volume] in Arterial blood	Chem-Bld Gas	188	g/dL	g/dL		BldA
669	2615-3	Methemoglobin/Hemoglobin.total in Arterial blood	Chem-Bld Gas	1173	%	%		BldA
670	2703-7	Oxygen [Partial pressure] in Arterial blood	Chem-Bld Gas	193	mm[Hg]	mmHg		BldA
671	2708-6	Oxygen saturation in Arterial blood	Chem-Bld Gas	451	%	%	Functional oxygen saturation (SO2)	BldA
672	2744-1	pH of Arterial blood	Chem-Bld Gas	187	[pH]	pH		BldA
673	33254-4	pH of Arterial blood adjusted to patients actual temperature	Chem-Bld Gas	669	[pH]	pH		BldA
674	1926-5	Base excess in Capillary blood	Chem-Bld Gas	1953	mmol/L	mmol/L		BldC
675	1961-2	Bicarbonate [Moles/volume] in Capillary blood	Chem-Bld Gas	1086	mmol/L	mmol/L		BldC

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
676	33022-5	Carbon dioxide [Partial pressure] in Capillary blood by Transcutaneous CO2 monitor	Chem-Bld Gas	866	mm[Hg]	mmHg		BldC
677	33437-5	Oxygen [Partial pressure] in Capillary blood by Transcutaneous O2 monitor	Chem-Bld Gas	1155	mm[Hg]	mmHg		BldC
678	59408-5	Oxygen saturation in Arterial blood by Pulse oximetry	Chem-Bld Gas	1874	%	%	Functional oxygen saturation (SO2)	BldC
679	59412-7	Oxygen saturation in Arterial blood by Pulse oximetry --post exercise	Chem-Bld Gas	1648	%	%	Functional oxygen saturation (SO2)	BldC
680	59417-6	Oxygen saturation in Arterial blood by Pulse oximetry --resting	Chem-Bld Gas	1647	%	%	Functional oxygen saturation (SO2)	BldC
681	2745-8	pH of Capillary blood	Chem-Bld Gas	865	[pH]	pH		BldC
682	28640-1	Bicarbonate [Moles/volume] in Arterial cord blood	Chem-Bld Gas	1229	mmol/L	mmol/L		BldCoA
683	28644-3	Carbon dioxide [Partial pressure] in Arterial cord blood	Chem-Bld Gas	1216	mm[Hg]	mmHg		BldCoA
684	28648-4	Oxygen [Partial pressure] in Arterial cord blood	Chem-Bld Gas	1218	mm[Hg]	mmHg		BldCoA
685	28642-7	Oxygen saturation in Arterial cord blood	Chem-Bld Gas	1285	%	%	Functional oxygen saturation (SO2)	BldCoA
686	28646-8	pH of Arterial cord blood	Chem-Bld Gas	1087	[pH]	pH		BldCoA
687	28637-7	Base deficit in Venous cord blood	Chem-Bld Gas	1047	mmol/L	mmol/L		BldCoV
688	28641-9	Bicarbonate [Moles/volume] in Venous cord blood	Chem-Bld Gas	1213	mmol/L	mmol/L		BldCoV
689	28645-0	Carbon dioxide [Partial pressure] in Venous cord blood	Chem-Bld Gas	1204	mm[Hg]	mmHg		BldCoV
690	28649-2	Oxygen [Partial pressure] in Venous cord blood	Chem-Bld Gas	1207	mm[Hg]	mmHg		BldCoV
691	28643-5	Oxygen saturation in Venous cord blood	Chem-Bld Gas	1272	%	%	Functional oxygen saturation (SO2)	BldCoV
692	28647-6	pH of Venous cord blood	Chem-Bld Gas	1082	[pH]	pH		BldCoV
693	1924-0	Base deficit in Venous blood	Chem-Bld Gas	1187	mmol/L	mmol/L		BldV
694	1927-3	Base excess in Venous blood	Chem-Bld Gas	966	mmol/L	mmol/L		BldV
695	14627-4	Bicarbonate [Moles/volume] in Venous blood	Chem-Bld Gas	781	mmol/L	mmol/L		BldV
696	2021-4	Carbon dioxide [Partial pressure] in Venous blood	Chem-Bld Gas	523	mm[Hg]	mmHg		BldV
697	2027-1	Carbon dioxide, total [Moles/volume] in Venous blood	Chem-Bld Gas	1983	mmol/L	mmol/L		BldV
698	48391-7	Carbon dioxide, total [Moles/volume] in Venous blood by calculation	Chem-Bld Gas	688	mmol/L	mmol/L		BldV
699	2032-1	Carboxyhemoglobin/Hemoglobin.total in Venous blood	Chem-Bld Gas	1677	%	%		BldV
700	2716-9	Fractional oxyhemoglobin in Venous blood	Chem-Bld Gas	1956	%	%	Fractional oxygen saturation (HbO2)	BldV
701	30350-3	Hemoglobin [Mass/volume] in Venous blood	Chem-Bld Gas	1986	g/dL	g/dL		BldV
702	2705-2	Oxygen [Partial pressure] in Venous blood	Chem-Bld Gas	665	mm[Hg]	mmHg		BldV
703	2711-0	Oxygen saturation in Venous blood	Chem-Bld Gas	1949	%	%	Functional oxygen saturation (SO2)	BldV
704	2746-6	pH of Venous blood	Chem-Bld Gas	519	[pH]	pH		BldV
705	3150-0	Inhaled oxygen concentration	Chem-Bld Gas	385	%	%	Percent oxygen inhaled (FIO2)	Inhl gas
706	3151-8	Inhaled oxygen flow rate	Chem-Bld Gas	174	L/min	L/min	Liters per minute of oxygen inhaled	Inhl gas
707	19993-5	Oxygen/Inspired gas Inhaled gas by Gas dilution.rebreath	Chem-Bld Gas	598	%	%	Ventilator related term	Inhl gas
708	19941-4	Oxygen gas flow Oxygen delivery system	Chem-Bld Gas	898	L/min	L/min	Liter per minute setting	Oxygen delivery system
709	19942-2	Oxygen gas flow setting Oxymizer	Chem-Bld Gas	1287	L/min	L/min	Liter per minute setting	Oxygen delivery system
710	19835-8	Breath rate setting Ventilator synchronized intermittent mandatory	Chem-Bld Gas	1319	{breaths}/min	breaths/min		Ventilator

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
711	19839-0	Breath rate spontaneous --on ventilator	Chem-Bld Gas	1196	{breaths}/min	breaths/min		Ventilator
712	20124-4	Ventilation mode [Identifier] Ventilator	Chem-Bld Gas	1079				Ventilator
713	Chem-challenge							
714	Just a handful of the over 3600 LOINC challenge tests made it into the Top 2000 list. The few challenge tests that do appear include four varieties of glucose tolerance tests. Three are based on the different oral doses of glucose (50 grams, 75 grams, and 100 grams) used in these tests, and one version that does not specify the dose in the test name and is used by labs that report the dose as a separate variable.							
715	26528-0	Cortisol [Mass/volume] in Serum or Plasma --1 hour post dose corticotropin	Chem-challenge	1638	ug/dL	ug/dL		Ser/Plas
716	26530-6	Cortisol [Mass/volume] in Serum or Plasma --30 minutes post dose corticotropin	Chem-challenge	1645	ug/dL	ug/dL		Ser/Plas
717	1558-6	Fasting glucose [Mass/volume] in Serum or Plasma	Chem-challenge	332	mg/dL	mg/dL		Ser/Plas
718	20438-8	Glucose [Mass/volume] in Serum or Plasma --1 hour post dose glucose	Chem-challenge	928	mg/dL	mg/dL		Ser/Plas
719	10449-7	Glucose [Mass/volume] in Serum or Plasma --1 hour post meal	Chem-challenge	1362	mg/dL	mg/dL		Ser/Plas
720	20436-2	Glucose [Mass/volume] in Serum or Plasma --2 hours post dose glucose	Chem-challenge	884	mg/dL	mg/dL		Ser/Plas
721	1521-4	Glucose [Mass/volume] in Serum or Plasma --2 hours post meal	Chem-challenge	1141	mg/dL	mg/dL		Ser/Plas
722	20437-0	Glucose [Mass/volume] in Serum or Plasma --3 hours post dose glucose	Chem-challenge	880	mg/dL	mg/dL		Ser/Plas
723	1501-6	Glucose [Mass/volume] in Serum or Plasma --1 hour post 100 g glucose PO	Chem-challenge	872	mg/dL	mg/dL		Ser/Plas 100g
724	1514-9	Glucose [Mass/volume] in Serum or Plasma --2 hours post 100 g glucose PO	Chem-challenge	896	mg/dL	mg/dL		Ser/Plas 100g
725	1530-5	Glucose [Mass/volume] in Serum or Plasma --3 hours post 100 g glucose PO	Chem-challenge	914	mg/dL	mg/dL		Ser/Plas 100g
726	1549-5	Glucose [Mass/volume] in Serum or Plasma --pre 100 g glucose PO	Chem-challenge	1450	mg/dL	mg/dL		Ser/Plas 100g
727	1504-0	Glucose [Mass/volume] in Serum or Plasma --1 hour post 50 g glucose PO	Chem-challenge	338	mg/dL	mg/dL		Ser/Plas 50g
728	1507-3	Glucose [Mass/volume] in Serum or Plasma --1 hour post 75 g glucose PO	Chem-challenge	876	mg/dL	mg/dL		Ser/Plas 75 g
729	1518-0	Glucose [Mass/volume] in Serum or Plasma --2 hours post 75 g glucose PO	Chem-challenge	835	mg/dL	mg/dL		Ser/Plas 75 g
730	1527-1	Glucose [Mass/volume] in Serum or Plasma --30 minutes post 75 g glucose PO	Chem-challenge	1230	mg/dL	mg/dL		Ser/Plas 75 g
731	Chem-Fetal lung maturity							
732	47226-6	Fetal lung maturity [interpretation] in Amniotic fluid	Chem-Fetal lung maturity	1630				Amnio fld

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
733	14976-5	Lecithin/Sphingomyelin [Ratio] in Amniotic fluid	Chem-Fetal lung maturity	1853	{ratio}	ratio		Amnio fld
734	19125-4	Meconium [Presence] in Amniotic fluid	Chem-Fetal lung maturity	1805				Amnio fld
735	30165-5	Phosphatidylcholine/Albumin [Mass ratio] in Amniotic fluid	Chem-Fetal lung maturity	1491	mg/g	mg/g		Amnio fld
736	20499-0	Phosphatidylglycerol/Surfactant.total in Amniotic fluid	Chem-Fetal lung maturity	1912	%	%		Amnio fld
737	Chem-Immune Electro Phoresis							
738	13169-8	Immunoelectrophoresis [interpretation] for Serum or Plasma	Chem-Immune Electro Phoresis	950				Ser
739	25700-6	Immunofixation [interpretation] for Serum or Plasma	Chem-Immune Electro Phoresis	1058				Ser
740	11050-2	Immunoglobulin light chains.kappa [Mass/volume] in Serum	Chem-Immune Electro Phoresis	918	mg/dL	mg/dL		Ser
741	36916-5	Immunoglobulin light chains.kappa.free [Mass/volume] in Serum	Chem-Immune Electro Phoresis	594	mg/L	mg/L		Ser
742	40844-3	Immunoglobulin light chains.kappa.free/Immunoglobulin light chains.lambda [Mass ratio] in Serum	Chem-Immune Electro Phoresis	969	{ratio}	ratio		Ser
743	15189-4	Immunoglobulin light chains.kappa/Immunoglobulin light chains.lambda [Mass ratio] in Serum	Chem-Immune Electro Phoresis	595	{ratio}	ratio		Ser
744	11051-0	Immunoglobulin light chains.lambda [Mass/volume] in Serum	Chem-Immune Electro Phoresis	1088	mg/dL	mg/dL		Ser
745	13440-3	Immunofixation [interpretation] for Urine	Chem-Immune Electro Phoresis	856				Urine
746	17793-1	Immunoglobulin light chains [Mass/volume] in 24 hour Urine	Chem-Immune Electro Phoresis	1105	g/L	g/L		Urine
747	Chem-NBS							
748	Newborn screening (NBS) represents a set of tests performed on newborn children to detect genetic diseases whose harmful effects can be ameliorated or eliminated with early treatment. The list of NBS tests that originally appeared in the Top 2000 list should not be taken as strict guide because the sample came from only one source and represents a style of reporting from the past, which is being replaced by more structured reports of the AHIC working group refined by HRSA and NLM (http://newbornscreeningcodes.nlm.nih.gov/). This new style is being adopted by the NBS community and NBS laboratory system vendors. Under the Chemistry-NBS class we will include all of these LOINC codes recommended by the AHIC working group and HRSA. Each state should be able to find the codes needed to report the NBS tests they employ within this set. LOINC has organized these codes in a panel, which can be viewed at: http://newbornscreeningcodes.nlm.nih.gov/nb/sc/constructingNBSHL7messages. A paper describes the evolution of the panel: Abhyankar, S. et al. "Standardizing Newborn Screening Results for Health Information Exchange" AMIA 2010 Symp Proceedings, Nov 2010, available at: http://proceedings.amia.org/127eo8.							

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
749	19111-4	Mother's hospital number	Chem-NBS	1603				^Mother
750	49544-0	Newborn screening recommended follow-up [interpretation]	Chem-NBS	828				^Patient
751	49048-2	Protein feed time	Chem-NBS	548				^Patient
752	32854-2	17-Hydroxyprogesterone [Presence] in Dried blood spot	Chem-NBS	458				Bld.dot
753	46733-2	Amino acidemias newborn screen interpretation	Chem-NBS	405				Bld.dot
754	38478-4	Biotinidase [Presence] in Dried blood spot	Chem-NBS	409				Bld.dot
755	38479-2	Branched chain keto-acid dehydrogenase complex [Presence] in Dried blood spot	Chem-NBS	462				Bld.dot
756	46769-6	Cystic fibrosis newborn screen interpretation	Chem-NBS	613				Bld.dot
757	46735-7	Endocrine disorders newborn screen interpretation	Chem-NBS	840				Bld.dot
758	46736-5	Fatty acid oxidation defects newborn screen interpretation	Chem-NBS	407				Bld.dot
759	46737-3	Galactosemias newborn screen interpretation	Chem-NBS	401				Bld.dot
760	46740-7	Hemoglobin disorders newborn screen interpretation	Chem-NBS	624				Bld.dot
761	38486-7	Homocystine [Presence] in Dried blood spot	Chem-NBS	461				Bld.dot
762	46779-5	Medium/Short chain acyl-CoA dehydrogenase deficiency newborn screen interpretation	Chem-NBS	463				Bld.dot
763	46744-9	Organic acidemias newborn screen interpretation	Chem-NBS	342				Bld.dot
764	29573-3	Phenylalanine [Moles/volume] in Dried blood spot	Chem-NBS	1342	mmol/L	mmol/L		Bld.dot
765	29571-7	Phenylalanine [Presence] in Dried blood spot	Chem-NBS	459				Bld.dot
766	35572-7	Phenylalanine/Tyrosine [Molar ratio] in Dried blood spot	Chem-NBS	1343	{ratio}	ratio		Bld.dot
767	46765-4	Sickle cell anemia newborn screen interpretation	Chem-NBS	546				Bld.dot
768	29574-1	Thyrotropin [Presence] in Dried blood spot	Chem-NBS	456				Bld.dot
769	31144-9	Thyroxine (T4) [Mass/volume] in Dried blood spot	Chem-NBS	762	ug/dL	ug/dL		Bld.dot
770	38506-2	Thyroxine (T4) [Presence] in Dried blood spot	Chem-NBS	1011				Bld.dot
771	35571-9	Tyrosine [Moles/volume] in Dried blood spot	Chem-NBS	1345	umol/L	umol/L		Bld.dot

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
772	**Chem-Occult Bld**							
773	Occult blood testing (non-visible blood in the stool) is used to screen for colon cancer. There are three generations of such tests. The first were usually called Guiac tests, because Guiac was the reagent that turned blue in the presence of heme (from hemoglobin) in the stool. The first generation of Guiac tests were neither very sensitive nor specific — they could test positive due to red meat in the diet, bleeding gums, or other bleeding in the upper gastrointestinal tract. A new generation of high sensitivity Guiac-based tests exists, and is one of two occult blood testing methods now recommended by the US Preventive Services Task Force. The other is the so-called fecal immune testing (FIT). Compared to both the old and the new Guiac tests, FIT has the advantage of being more specific and requires no dietary restrictions. The FIT test detects the heme-to-globin bond. In the case of blood that comes from the upper GI tract, that bond will be broken by the digestive enzymes. Thus a positive FIT test is specific to lower gastro-intestinal blood and not affected by red meat in the diet. Depending on the vendor, all Guiac tests and most of the FIT tests require that two or three separate stool samples be tested, usually on different days. These FIT tests are new tests; so they were not represented in the historic sample from our sources. But their use is increasing rapidly, so we have included them expecting an increased use in the future. We also recommend using the full structure described above for reporting. The traditional panel of three Guiac tests is given below. 50196-5 Occult blood panel in Stool 14563-1 Hemoglobin.gastrointestinal [Presence] in Stool --1st specimen 14564-9 Hemoglobin.gastrointestinal [Presence] in Stool --2nd specimen 14565-6 Hemoglobin.gastrointestinal [Presence] in Stool --3rd specimen 38527-8 Number of specimens received of Stool 38526-0 Number of specimens tested of Stool LOINC offers a panel for the FIT tests that enables the capture of up to three separate FIT tests, the name of the vender, and the number of specimens recommended by the vendor. 57803-9 Occult blood panel in Stool by Immunologic method 7905-2 Hemoglobin.gastrointestinal [Presence] in Stool by Immunologic method --1st specimen 56490-6 Hemoglobin.gastrointestinal [Presence] in Stool by Immunologic method --2nd specimen 56491-4 Hemoglobin.gastrointestinal [Presence] in Stool by Immunologic method --3rd specimen 59841-7 Vendor name [Identifier] in Unspecified specimen 57804-7 Number of occult blood specimens recommended by testing kit protocol [#] in Stool							
774	2335-8	Hemoglobin.gastrointestinal [Presence] in Stool	Chem-Occult Bld	351				Stool
775	14563-1	Hemoglobin.gastrointestinal [Presence] in Stool --1st specimen	Chem-Occult Bld	625				Stool
776	14564-9	Hemoglobin.gastrointestinal [Presence] in Stool --2nd specimen	Chem-Occult Bld	585				Stool
777	14565-6	Hemoglobin.gastrointestinal [Presence] in Stool --3rd specimen	Chem-Occult Bld	600				Stool
778	29771-3	Hemoglobin.gastrointestinal [Presence] in Stool by Immunologic method	Chem-Occult Bld	779			FIT test	Stool
779	56490-6	Hemoglobin.gastrointestinal [Presence] in Stool by Immunologic method -2nd specimen	Chem-Occult Bld	882			FIT test	Stool
780	56491-4	Hemoglobin.gastrointestinal [Presence] in Stool by Immunologic method -3rd specimen	Chem-Occult Bld	883			FIT test	Stool

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781	57804-7	Number of occult blood specimens recommended by testing kit protocol [#] in Stool	Chem-Occult Bld	1232	{#}	#		Stool
782	59841-7	Vendor name [Identifier] in Unspecified specimen	Chem-Occult Bld	1655				XXX
783	**Chem-Prenatal Screen**							
784	Prenatal screening includes a spectrum of tests and observations that assess the risk of trisomy 21 (three copies of chromosome 21), which causes Down syndrome, trisomy 18 (three copies of chromosome 18), which causes Edward's syndrome, and neural tube defects in the fetus of pregnant women. The set of tests employed in a given laboratory and the number of questions used may vary. The Top 2000 list includes prenatal screening test that cover most prenatal tests. One component of this testing — reported along with the chemical tests — is a measure of the nuchal translucency obtained via obstetrical ultrasound.							
785	33069-6	Fetal Neck.soft tissue Translucency width US	Chem-Prenatal Screen	48		mm	Should be measured at 12-14 weeks (ideally 12 weeks). Normal is <2.5 mm.	^Fetus
786	49588-7	First trimester maternal screen with nuchal translucency [interpretation] Narrative	Chem-Prenatal Screen	1785				^Fetus
787	18185-9	Gestational age	Chem-Prenatal Screen	564	wk	wk	This term should be preferred over gestational age in weeks (LOINC 49051-6) and in days (LOINC 49052-4) so that only one variable is used.	^Fetus
788	11884-4	Gestational age Estimated	Chem-Prenatal Screen	1500	wk	wk		^Fetus
789	49051-6	Gestational age in weeks	Chem-Prenatal Screen	1162	wk	wk		^Fetus
790	21299-3	Gestational age method	Chem-Prenatal Screen	544				^Fetus
791	48803-1	Neural tube defect risk in Fetus	Chem-Prenatal Screen	539	%	%		^Fetus
792	47223-3	Trisomy 18 risk based on maternal age in Fetus	Chem-Prenatal Screen	700	{risk}	risk		^Fetus
793	43994-3	Trisomy 18 risk in Fetus	Chem-Prenatal Screen	666	{risk}	risk		^Fetus
794	49090-4	Trisomy 21 risk based on maternal age in Fetus	Chem-Prenatal Screen	630	{risk}	risk		^Fetus
795	43995-0	Trisomy 21 risk in Fetus	Chem-Prenatal Screen	672	{risk}	risk		^Fetus
796	43993-5	Age at delivery	Chem-Prenatal Screen	1725	a	a		^Mother
797	1834-1	Alpha-1-Fetoprotein [Mass/volume] in Serum or Plasma	Chem-Prenatal Screen	386	ng/mL	ng/mL		^Mother
798	23811-3	Alpha-1-Fetoprotein [Multiple of the median] adjusted in Serum or Plasma	Chem-Prenatal Screen	609	{MoM}	MoM		^Mother
799	20450-3	Alpha-1-Fetoprotein [Multiple of the median] in Serum or Plasma	Chem-Prenatal Screen	1109	{MoM}	MoM		^Mother
800	41274-2	Alpha-1-Fetoprotein interpretation [interpretation] in Serum or Plasma	Chem-Prenatal Screen	1053				^Mother

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
801	32166-1	Choriogonadotropin [Multiple of the median] adjusted in Serum or Plasma	Chem-Prenatal Screen	735	{MoM}	MoM		^Mother
802	20465-1	Choriogonadotropin [Multiple of the median] in Serum or Plasma	Chem-Prenatal Screen	1178	{MoM}	MoM		^Mother
803	23841-0	Choriogonadotropin.beta subunit [Multiple of the median] adjusted in Serum or Plasma	Chem-Prenatal Screen	1298	{MoM}	MoM		^Mother
804	11778-8	Delivery date Estimated	Chem-Prenatal Screen	1412	N/A	N/A		^Mother
805	33248-6	Diabetes status [Identifier]	Chem-Prenatal Screen	1005				^Mother
806	2251-7	Estriol (E3) [Mass/volume] in Serum or Plasma	Chem-Prenatal Screen	1565	ng/mL	ng/mL		^Mother
807	2250-9	Estriol (E3).unconjugated [Mass/volume] in Serum or Plasma	Chem-Prenatal Screen	628	ng/mL	ng/mL		^Mother
808	21264-7	Estriol (E3).unconjugated [Multiple of the median] adjusted in Serum or Plasma	Chem-Prenatal Screen	684	{MoM}	MoM		^Mother
809	20466-9	Estriol (E3).unconjugated [Multiple of the median] in Serum or Plasma	Chem-Prenatal Screen	1179	{MoM}	MoM		^Mother
810	49053-2	History of neural tube defect Narrative	Chem-Prenatal Screen	1009				^Mother
811	23883-2	Inhibin A [Mass/volume] in Serum	Chem-Prenatal Screen	702	pg/L	pg/L	Used in some prenatal screening for Down syndrome. Also is a tumor marker for ovarian cancer.	^Mother
812	36904-1	Inhibin A [Multiple of the median] adjusted in Serum	Chem-Prenatal Screen	727	{MoM}	MoM		^Mother
813	44877-9	Insulin dependent diabetes mellitus [Presence]	Chem-Prenatal Screen	622				^Mother
814	21484-1	Mother's race	Chem-Prenatal Screen	522				^Mother
815	45371-2	Multiple pregancy	Chem-Prenatal Screen	729				^Mother
816	11878-6	Number of fetuses by US	Chem-Prenatal Screen	1060	{#}	#		^Mother
817	32046-5	Pregnancy associated plasma protein A [Units/volume] in Serum or Plasma	Chem-Prenatal Screen	767	mU/L	mU/L	Also called PAPPA	^Mother
818	49092-0	Second trimester quad maternal screen [interpretation] in Serum or Plasma Narrative	Chem-Prenatal Screen	644				^Mother
819	49572-1	Second trimester triple maternal screen [interpretation] in Serum or Plasma Narrative	Chem-Prenatal Screen	1554				^Mother
820	49838-6	Neural tube defect risk in population	Chem-Prenatal Screen	1942	{risk}	risk		^Population
821	19171-8	Alpha-1-Fetoprotein [Units/volume] in Amniotic fluid	Chem-Prenatal Screen	1501	[IU]/mL	IU/mL		Amnio fld
822	Chem-Serum Electrophoresis							
823	2862-1	Albumin [Mass/volume] in Serum or Plasma by Electrophoresis	Chem-Serum Electrophoresis	313	g/dL	g/dL		Ser/Plas

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
824	2865-4	Alpha 1 globulin [Mass/volume] in Serum or Plasma by Electrophoresis	Chem-Serum Electrophoresis	315	g/dL	g/dL		Ser/Plas
825	2868-8	Alpha 2 globulin [Mass/volume] in Serum or Plasma by Electrophoresis	Chem-Serum Electrophoresis	316	g/dL	g/dL		Ser/Plas
826	2871-2	Beta globulin [Mass/volume] in Serum or Plasma by Electrophoresis	Chem-Serum Electrophoresis	314	g/dL	g/dL		Ser/Plas
827	2874-6	Gamma globulin [Mass/volume] in Serum or Plasma by Electrophoresis	Chem-Serum Electrophoresis	323	g/dL	g/dL		Ser/Plas
828	12851-2	Protein Fractions [interpretation] in Serum or Plasma by Electrophoresis	Chem-Serum Electrophoresis	307				Ser/Plas
829	14895-7	Protein Fractions [interpretation] in Serum or Plasma by Immunofixation	Chem-Serum Electrophoresis	403				Ser/Plas
830	33358-3	Protein.monoclonal [Mass/volume] in Serum or Plasma by Electrophoresis	Chem-Serum Electrophoresis	482	g/dL	g/dL		Ser/Plas
831	33647-9	Protein.monoclonal/Protein.total in Serum or Plasma by Electrophoresis	Chem-Serum Electrophoresis	1980	%	%		Ser/Plas
832	Chem-Stone Analysis							
833	16263-6	Calcium oxalate dihydrate crystals [Presence] in Stone by Infrared spectroscopy	Chem-Stone Analysis	1607				Calculus
834	16264-4	Calcium oxalate monohydrate crystals [Presence] in Stone by Infrared spectroscopy	Chem-Stone Analysis	1302				Calculus
835	16268-5	Calcium phosphate crystals [Presence] in Stone by Infrared spectroscopy	Chem-Stone Analysis	1423				Calculus
836	14638-1	Calculus analysis [interpretation] in Stone	Chem-Stone Analysis	923				Calculus
837	9796-4	Color of Stone	Chem-Stone Analysis	1308				Calculus
838	9795-6	Composition in Stone	Chem-Stone Analysis	1129				Calculus
839	42192-5	Nidus [Presence] in Stone	Chem-Stone Analysis	1624				Calculus
840	9802-0	Size [Entitic volume] of Stone	Chem-Stone Analysis	1309	mm3	mm3		Calculus
841	9804-6	Weight of Stone	Chem-Stone Analysis	1549	g	g		Calculus
842	Chem-Urine Protein Elph							
843	13438-7	Protein Fractions [interpretation] in Urine by Electrophoresis	Chem-Urine Protein Elph	867				Urine
844	13986-5	Albumin/Protein.total in 24 hour Urine by Electrophoresis	Chem-Urine Protein Elph	1339	%	%		Urine 24h
845	13984-0	Alpha 1 globulin/Protein.total in 24 hour Urine by Electrophoresis	Chem-Urine Protein Elph	1346	%	%		Urine 24h
846	13987-3	Alpha 2 globulin/Protein.total in 24 hour Urine by Electrophoresis	Chem-Urine Protein Elph	1049	%	%		Urine 24h

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
847	13988-1	Beta globulin/Protein.total in 24 hour Urine by Electrophoresis	Chem-Urine Protein Elph	1198	%	%		Urine 24h
848	13989-9	Gamma globulin/Protein.total in 24 hour Urine by Electrophoresis	Chem-Urine Protein Elph	1050	%	%		Urine 24h
849	42484-6	Protein.monoclonal/Protein.total in 24 hour Urine by Electrophoresis	Chem-Urine Protein Elph	1348	%	%		Urine 24h
850	6942-7	Albumin [Mass/volume] in Urine by Electrophoresis	Chem-Urine Protein Elph	1035	g/dL	g/dL		Urine spot
851	13992-3	Albumin/Protein.total in Urine by Electrophoresis	Chem-Urine Protein Elph	1015	%	%		Urine spot
852	13990-7	Alpha 1 globulin/Protein.total in Urine by Electrophoresis	Chem-Urine Protein Elph	1017	%	%		Urine spot
853	13993-1	Alpha 2 globulin/Protein.total in Urine by Electrophoresis	Chem-Urine Protein Elph	1254	%	%		Urine spot
854	13994-9	Beta globulin/Protein.total in Urine by Electrophoresis	Chem-Urine Protein Elph	1075	%	%		Urine spot
855	13995-6	Gamma globulin/Protein.total in Urine by Electrophoresis	Chem-Urine Protein Elph	1256	%	%		Urine spot
856	49047-4	Globulin [Mass/volume] in Urine by Electrophoresis	Chem-Urine Protein Elph	1228	mg/dL	mg/dL		Urine spot
857	42483-8	Protein.monoclonal/Protein.total in Urine by Electrophoresis	Chem-Urine Protein Elph	1399	%	%		Urine spot
858	17819-4	Albumin/Protein.total in unspecified time Urine by Electrophoresis	Chem-Urine Protein Elph	1859	%	%		Urine XXX duration
859	17811-1	Alpha 1 globulin/Protein.total in unspecified time Urine by Electrophoresis	Chem-Urine Protein Elph	1860	%	%		Urine XXX duration
860	17813-7	Alpha 2 globulin/Protein.total in unspecified time Urine by Electrophoresis	Chem-Urine Protein Elph	1861	%	%		Urine XXX duration
861	17815-2	Beta globulin/Protein.total in unspecified time Urine by Electrophoresis	Chem-Urine Protein Elph	1862	%	%		Urine XXX duration
862	17817-8	Gamma globulin/Protein.total in unspecified time Urine by Electrophoresis	Chem-Urine Protein Elph	1863	%	%		Urine XXX duration
863	Chem-vit D							
864	49054-0	25-Hydroxycalciferol [Mass/volume] in Serum or Plasma	Chem-vit D	661	ng/mL	ng/mL		Ser/Plas
865	1989-3	Calcidiol [Mass/volume] in Serum or Plasma	Chem-vit D	127	ng/mL	ng/mL		Ser/Plas
866	49543-2	Calcidiol+Calciferol [Mass/volume] in Serum or Plasma	Chem-vit D	632	ng/mL	ng/mL		Ser/Plas
867	2236-8	Calciferol (Vit D2) [Mass/volume] in Serum or Plasma	Chem-vit D	391	pg/mL	pg/mL		Ser/Plas
868	1649-3	Calcitriol [Mass/volume] in Serum or Plasma	Chem-vit D	503	pg/mL	pg/mL		Ser/Plas
869	35365-6	Vitamin D+Metabolites [Mass/volume] in Serum or Plasma	Chem-vit D	500	ng/mL	ng/mL		Ser/Plas
870	Coagulation							

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
871	Coagulation tests are usually measured on platelet poor plasma (PPP). The LOINC specimen name will be "PPP." Laboratories rarely include any hint of the specimen name in coagulation tests because it can be inferred. Their laboratory manuals may leave out the subtle distinction between PPP and plasma and simply describe the specimen as plasma. Some coagulation measures, e.g. the INR and PT, can be done in the main lab, in which case the specimen is PPP. Or they may be done close to the patient with a Point of Care (POC) instrument, in which case the LOINC specimen name would be "Bld." Laboratories usually distinguish the point of care variant from the routine test by including "POC' (for point of care) and/or "Blood" in the test name. The amount of a given coagulation factor can be measured in three ways and each will have its own LOINC code: 1) Via immune chemical methods that measure the amount of the protein that is the coagulation factor. Such tests will have "Ag" for antigen in the analyte part of the LOINC term and "Imm" (for immune method) in the method part of the name. 2) Via coagulation methods that measure the activity of the factor in terms of its ability to form a clot. 3) Via chromogenic methods that measure the biologic enzyme activity of the factor. LOINC tests done via a clotting method all have "Coag" in the method part of the name and chromogenic method all have "Chrom" in the method name. Coagulation activity can be reported in seconds, % of normal, or special units (e.g. INR units). Chromogenic measures are reported in U/mL, (where U is the standard units of enzyme activity), as IU/ml (when there is a WHO reference standard), or as a percentage of some normal rate. Reporting with units of percent at normal is the most prevalent approach in the US. The amount of the coagulation factor protein may be reported as a mass concentration, an arbitrary concentration (unit/ml), or a percent of normal. Tests for the same coagulation factor may have different LOINC codes depending on the kind of reporting units. Measures of the coagulation factor by antigenic measures tells you how much of the coagulation protein you have, but do not tell you whether it is active. You need one of the activity measures to tell you that. Fibrinogen is a special case. One approach to fibrinogen testing uses a coagulation method to estimate the mass concentration of fibrinogen.							
872	3184-9	Activated clotting time in Blood by Coagulation assay	Coagulation	268	s	s		Bld
873	3173-2	Activated partial thromboplastin time (aPTT) in Blood by Coagulation assay	Coagulation	77	s	s	Point of Care aPTT done on whole blood	Bld
874	13589-7	Activated protein C resistance [Presence] in Blood by Probe & target amplification method	Coagulation	1755			Detects the mutation that causes the resistance	Bld
875	34714-6	INR in Blood by Coagulation assay	Coagulation	206	{INR}	INR	Point of care INR done in whole blood	Bld
876	21032-8	Thrombin time [interpretation] in Blood	Coagulation	1113			Point of care Thrombin done on whole blood	Bld
877	49058-1	Activated partial thromboplastin time (aPTT) in Blood drawn from CRRT circuit by Coagulation assay	Coagulation	1897	s	s	CCRT is continuous hemodialysis	BldCRRT
878	14979-9	Activated partial thromboplastin time (aPTT) in Platelet poor plasma by Coagulation assay	Coagulation	147	s	s	Most coagulation studies use platelet poor plasma (PPP)	PPP
879	13590-5	Activated protein C resistance [Time Ratio] in Platelet poor plasma by Coagulation assay	Coagulation	797	{ratio}	ratio		PPP
880	20991-6	Antithrombin [interpretation] in Platelet poor plasma	Coagulation	1117				PPP
881	3174-0	Antithrombin [Units/volume] in Platelet poor plasma by Chromogenic method	Coagulation	1235	[IU]/mL	IU/mL		PPP
882	27811-9	Antithrombin actual/normal in Platelet poor plasma by Chromogenic method	Coagulation	760	%	%		PPP
883	3175-7	Antithrombin Ag [Units/volume] in Platelet poor plasma by Immunologic method	Coagulation	1553	[arb'U]/mL	arb'U/mL		PPP
884	3187-2	Coagulation factor IX activity actual/normal in Platelet poor plasma by Coagulation assay	Coagulation	1724	%	%		PPP

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
885	3193-0	Coagulation factor V activity actual/normal in Platelet poor plasma by Coagulation assay	Coagulation	1703	%	%		PPP
886	3198-9	Coagulation factor VII activity actual/normal in Platelet poor plasma by Coagulation assay	Coagulation	1752	%	%		PPP
887	3209-4	Coagulation factor VIII activity actual/normal in Platelet poor plasma by Coagulation assay	Coagulation	794	%	%		PPP
888	33984-6	Coagulation factor X activity actual/normal in Platelet poor plasma by Chromogenic method	Coagulation	1526	%	%		PPP
889	3218-5	Coagulation factor X activity actual/normal in Platelet poor plasma by Coagulation assay	Coagulation	1896	%	%		PPP
890	29280-5	Fibrin D-dimer [Presence] in Platelet poor plasma by Latex agglutination	Coagulation	1691				PPP
891	48066-5	Fibrin D-dimer DDU [Mass/volume] in Platelet poor plasma	Coagulation	517	ug/L{DDU}	ug/L DDU	Avoid quantitative D-Dimer codes that do not specify the measurement unit. DDU based measures produce markedly different values from the FEU measures and one has to know the difference to apply decision rules about DVT risk. Measures expressed in DDU have a high risk above 250 ug/L. Those expressed in FEU will have a high risk above 500 ug/L	PPP
892	48058-2	Fibrin D-dimer DDU [Mass/volume] in Platelet poor plasma by Immunoassay	Coagulation	499	ug/L{DDU}	ug/L DDU	Avoid quantitative D-Dimer codes that do not specify the measurement unit. DDU based measures produce markedly different values from the FEU measures and one has to know the difference to apply decision rules about DVT risk. Measures expressed in DDU have a high risk above 250 ug/L. Those expressed in FEU will have a high risk above 500 ug/L	PPP
893	48065-7	Fibrin D-dimer FEU [Mass/volume] in Platelet poor plasma	Coagulation	476	ng/mL{FEU}	ng/mL FEU	Avoid quantitative D-Dimer codes that do not specify the measurement unit. DDU based measures produce markedly different values from the FEU measures and one has to know the difference to apply decision rules about DVT risk. Measures expressed in DDU have a high risk above 250 ug/L. Those expressed in FEU will have a high risk above 500 ug/L	PPP
894	3255-7	Fibrinogen [Mass/volume] in Platelet poor plasma by Coagulation assay	Coagulation	267	mg/dL	mg/dL		PPP
895	3256-5	Fibrinogen Ag [Mass/volume] in Platelet poor plasma by Immunologic method	Coagulation	1290	mg/dL	mg/dL		PPP
896	6301-6	INR in Platelet poor plasma by Coagulation assay	Coagulation	53	{INR}	INR		PPP
897	48344-6	Kaolin activated time in Platelet poor plasma	Coagulation	1046	s	s		PPP
898	21027-8	Platelet aggregation [interpretation] in Platelet poor plasma	Coagulation	1864				PPP

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
899	6007-9	Protein C [Units/volume] in Platelet poor plasma by Coagulation assay	Coagulation	1278	[IU]/mL	IU/mL	In the US, most national laboratories report as a percent, so double check your units of measure before mapping. Ceprotin is the brand name for Protein C as an injectable concentrate.	PPP
900	27818-4	Protein C actual/normal in Platelet poor plasma by Chromogenic method	Coagulation	1210	%	%	Measures activity via enzymatic method	PPP
901	27819-2	Protein C actual/normal in Platelet poor plasma by Coagulation assay	Coagulation	886	%	%	Measures activity by coagulation method	PPP
902	6009-5	Protein C Ag [Units/volume] in Platelet poor plasma by Immunologic method	Coagulation	1430	[arb'U]/mL	arb'U/mL	Measures the amount of Protein C, whether it is functional or not. Many large national laboratories report Protein C Ag as a %. Be sure that you don't want LOINC 27820-0.	PPP
903	27820-0	Protein C Ag actual/normal in Platelet poor plasma by Immunologic method	Coagulation	1488	%	%	Measures amount of protein (as %) not the activity	PPP
904	5892-5	Protein S [Units/volume] in Platelet poor plasma by Coagulation assay	Coagulation	722	[IU]/mL	IU/mL	Measures activity via a coagulation method and reports as a concentration. Check to be sure that your local test is not being reported as %; if so map to LOINC 27822-6. Coagulation activity is only available from the free fraction of Protein. So when the method measures activity, whether you call it "protein S free" or "Protein S" or protein S, you are measuring the same thing.	PPP
905	31102-7	Protein S actual/normal in Platelet poor plasma by Chromogenic method	Coagulation	1356	%	%	Measures activity via an enzymatic method	PPP
906	27822-6	Protein S actual/normal in Platelet poor plasma by Coagulation assay	Coagulation	1104	%	%	Measures activity via a coagulation method, reported as a % of normal. Coagulation activity is only available from the free fraction of Protein. So when the method measures activity, whether you call it "protein S free" or "Protein S" or protein S, you are measuring the same thing.	PPP
907	27823-4	Protein S Ag actual/normal in Platelet poor plasma by Immunologic method	Coagulation	1541	%	%	Measures amount of protein, reported as a % of normal.	PPP
908	27821-8	Protein S Free Ag actual/normal in Platelet poor plasma by Immunologic method	Coagulation	1552	%	%	Measures amount of free protein S, not the activity.	PPP
909	5902-2	Prothrombin time (PT) in Platelet poor plasma by Coagulation assay	Coagulation	47	s	s		PPP
910	3243-3	Thrombin time in Platelet poor plasma by Coagulation assay	Coagulation	705	s	s		PPP
911	6012-9	von Willebrand factor (vWf) Ag [Units/volume] in Platelet poor plasma by Immunologic method	Coagulation	1520	[IU]/mL	IU/mL	Measures the amount of vWF protein, reported as a concentration.	PPP
912	27816-8	von Willebrand factor (vWf) Ag actual/normal in Platelet poor plasma by Immunologic method	Coagulation	1126	%	%	Measures the amount of vWF protein, reported as a % of normal.	PPP
913	32217-2	von Willebrand factor (vWf) multimers [Presence] in Platelet poor plasma	Coagulation	1900				PPP
914	6014-5	von Willebrand factor (vWf) ristocetin cofactor actual/normal in Platelet poor plasma by Aggregation	Coagulation	1003	%	%	Measures the activity of vWF protein, reported as a % of normal in the presence of Ristocetin.	PPP

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
915	24378-2	Platelet aggregation epinephrine induced [Presence] in Platelet rich plasma	Coagulation	1667				PRP
916	34701-3	Platelet Ab.heparin induced [Presence] in Serum	Coagulation	693			More specific LOINC codes (e.g. LWW heparin) are also available. CAUTION - Laboratories often include PF4 in the name of this test. Be sure to distinguish from the measures of PF4 itself.	Ser

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
917	**Coagulation - Heparin Ab & PF4**							
918	Three kinds of tests are used to help diagnose Heparin-induced thrombocytopenia (HIT), also called Heparin-associated thrombocytopenia (HAT). The first is a measure of anti platelet antibody induced by the heparin platelet factor 4(PF4) complex. This is called variously "Heparin induced platelet antibody" (LOINC's approach) and Heparin-PF4 antibody. This test is based on immunologic measures usually reported in optical densities, or as present/absent, and is sensitive, but not specific, to the HIT syndrome. The second is a measure of platelet aggregation in the presence of heparin. This is also called a functional test for heparin induced platelet antibodies. The third is another functional measure based on the release of serotonin in the presence of Heparin, e.g. LOINC 50728-5. The serotonin tests may be specific to challenge doses and type (unfractionated or low molecular weight heparin). LOINC has most of these variations, but most of them did not make it to the Top 2000 list. The concentration of PF4 in platelets is 280,000 times the baseline concentration, so the plasma levels spike greatly with platelet activation. The concentration of PF4 protein is used to measure platelet activation. It is NOT used to diagnose the HIT syndrome. We bring PF4 into this discussion because some laboratories use PF4 as a shorthand name for the PF4–heparin complex induced antibodies. When you see PF4 in the local name, be doubly sure that it is referring to the PF4 protein (LOINC 6000-2) not the PF4-Heparin complex antibody (LOINC 34701-3) whose full name is usually Heparin Induced Antibody. To further complicate the matter, antibodies can develop against platelets due to other factors completely unrelated to Heparin (e.g. LOINC 13063-3 or 6927-8). So, map carefully in this space.						
919	3282-1	Lupus anticoagulant neutralization hexagonal phase phospholipid [Time] in Platelet poor plasma by Coagulation assay	Coagulation - Heparin Ab & PF4	1427	s	s	Excess phospholipid (hexagonal phospholipid) (used in Staclot brand) if the excess phospholipid corrects clotting, that confirms LAC	PPP
920	33594-3	Platelet factor 4 [Presence] in Platelet poor plasma	Coagulation - Heparin Ab & PF4	1121			PF4 is used clinically to assess degree of platelet activation but specimen has to be collected meticulously. Some labs use PD4 as short hand for Heparin induced platelet Ab so be careful about mapping.	PPP
921	6002-0	Platelet factor 4 [Units/volume] in Platelet poor plasma	Coagulation - Heparin Ab & PF4	1002	{OD_units}	OD_units	PF4 is used clinically to assess degree of platelet activation but specimen has to be collected meticulously. Some labs use PD4 as short hand for Heparin induced platelet Ab so be careful about mapping.	PPP

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
922	**Coagulation-Lupus Anti Coagulant**							
923	The cardiolipins and the phosphatidyls antibodies are tests for the lupus anticoagulant phenomenon. Antibodies to IgA, IgG, and/or IgM may be tested. These are often ordered in conjunction with various coagulation-based tests for lupus anticoagulant also included in this subclass.							
924	43734-3	Activated partial thromboplastin time (aPTT) in Platelet poor plasma by Coagulation 1:1 saline	Coagulation-Lupus Anti Coagulant	1928	s	s	Base line	PPP
925	5946-9	Activated partial thromboplastin time (aPTT).factor substitution in Platelet poor plasma by Coagulation assay --immediately after addition of normal plasma	Coagulation-Lupus Anti Coagulant	1496	s	s	Factor substitution usually provided by pooled plasma eliminates possibility that the abnormality is due to factor a deficiency	PPP
926	15359-3	Dilute Russell viper venom time (dRVVT) actual/normal in Platelet poor plasma by Coagulation assay	Coagulation-Lupus Anti Coagulant	1167	%	%		PPP
927	43397-9	Dilute Russell viper venom time (dRVVT) factor substitution in Platelet poor plasma by Coagulation assay --immediately after addition of normal plasma	Coagulation-Lupus Anti Coagulant	1929	s	s	Factor substitution usually provided by pooled plasma eliminates possibility that the abnormality is due to factor a deficiency	PPP
928	6303-2	Dilute Russell viper venom time (dRVVT) in Platelet poor plasma by Coagulation assay	Coagulation-Lupus Anti Coagulant	759	s	s	Base line absolute	PPP
929	3281-3	Lupus anticoagulant [interpretation] in Platelet poor plasma	Coagulation-Lupus Anti Coagulant	647			Interpretation of Lupus anticoagulant testing	PPP
930	15191-0	Lupus anticoagulant neutralization dilute phospholipid [Presence] in Platelet poor plasma	Coagulation-Lupus Anti Coagulant	1189				PPP
931	3284-7	Lupus anticoagulant neutralization platelet [Time] in Platelet poor plasma by Coagulation assay	Coagulation-Lupus Anti Coagulant	811	s	s	When the addition of excess phospholipid (provided by addition of platelets) corrects clotting, it confirms LAC.	PPP
932	5959-2	Prothrombin time (PT) factor substitution in Platelet poor plasma by Coagulation assay --immediately after addition of normal plasma	Coagulation-Lupus Anti Coagulant	1937	s	s	Addition of factors (usually as pooled plasma) eliminates possibility that the abnormality due to a factor deficiency	PPP
933	33673-5	Thrombin time.factor substitution in Platelet poor plasma by Coagulation assay --immediately after addition of protamine sulfate	Coagulation-Lupus Anti Coagulant	1069	s	s		PPP
934	5076-5	Cardiolipin IgA Ab [Units/volume] in Serum by Immunoassay	Coagulation-Lupus Anti Coagulant	887	[APL'U]/mL	APL'U/mL		Ser
935	20424-8	Cardiolipin IgG Ab [interpretation] in Serum	Coagulation-Lupus Anti Coagulant	1590				Ser
936	3181-5	Cardiolipin IgG Ab [Units/volume] in Serum by Immunoassay	Coagulation-Lupus Anti Coagulant	504	[GPL'U]/mL	GPL'U/mL		Ser

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
937	20425-5	Cardiolipin IgM Ab [interpretation] in Serum	Coagulation-Lupus Anti Coagulant	1588				Ser
938	3182-3	Cardiolipin IgM Ab [Units/volume] in Serum by Immunoassay	Coagulation-Lupus Anti Coagulant	505	[MPL'U]/mL	MPL'U/mL		Ser
939	32031-7	Phosphatidylserine IgA Ab [Units/volume] in Serum by Immunoassay	Coagulation-Lupus Anti Coagulant	1428	[APL'U]/mL	APL'U/mL		Ser
940	9326-0	Phosphatidylserine IgG Ab [Presence] in Serum by Immunoassay	Coagulation-Lupus Anti Coagulant	1881				Ser
941	32032-5	Phosphatidylserine IgG Ab [Units/volume] in Serum by Immunoassay	Coagulation-Lupus Anti Coagulant	1089	{APS'U}	APS'U		Ser
942	9327-8	Phosphatidylserine IgM Ab [Presence] in Serum by Immunoassay	Coagulation-Lupus Anti Coagulant	848				Ser
943	14246-3	Phosphatidylserine IgM Ab [Units/volume] in Serum	Coagulation-Lupus Anti Coagulant	1895	{MPS'U}	MPS'U		Ser
944	32033-3	Phosphatidylserine IgM Ab [Units/volume] in Serum by Immunoassay	Coagulation-Lupus Anti Coagulant	2008	{MPS'U}	MPS'U		Ser
945	Cytology							
946	8665-2	Date last menstrual period	Cytology	885	{date}	date		^Patient
947	10524-7	Microscopic observation [Identifier] in Cervix by Cyto stain	Cytology	484				Cvx
948	18500-9	Microscopic observation [Identifier] in Cervix by Cyto stain.thin prep	Cytology	1048				Cvx
949	19767-3	Cytologist who read Cyto stain of Cervical or vaginal smear or scraping	Cytology	109				Cvx/Vag
950	47528-5	Cytology report of Cervical or vaginal smear or scraping Cyto stain	Cytology	798				Cvx/Vag
951	47527-7	Cytology report of Cervical or vaginal smear or scraping Cyto stain.thin prep	Cytology	85				Cvx/Vag
952	19774-9	Cytology study comment Cervical or vaginal smear or scraping Cyto stain	Cytology	945				Cvx/Vag
953	19769-9	Pathologist who read Cyto stain of Cervical or vaginal smear or scraping	Cytology	115				Cvx/Vag
954	19773-1	Recommended follow-up [Identifier] in Cervical or vaginal smear or scraping by Cyto stain	Cytology	114				Cvx/Vag
955	19768-1	Reviewing cytologist who read Cyto stain of Cervical or vaginal smear or scraping	Cytology	1656				Cvx/Vag
956	19763-2	Specimen source [Identifier] in Cervical or vaginal smear or scraping by Cyto stain	Cytology	110				Cvx/Vag

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
957	19764-0	Statement of adequacy [interpretation] of Cervical or vaginal smear or scraping by Cyto stain	Cytology	108				Cvx/Vag
958	49050-8	Microscopic observation [Identifier] in Endocervical brush by Cyto stain	Cytology	750				Endocervical brush
959	10526-2	Microscopic observation [Identifier] in Sputum by Cyto stain	Cytology	1935				Sputum
960	33718-8	Cytology report of Tissue fine needle aspirate Cyto stain	Cytology	943				Tiss.FNA
961	27045-4	Microscopic exam [interpretation] of Urine by Cytology	Cytology	163				Urine
962	11070-0	Microscopic observation [Identifier] in Urine by Cyto stain	Cytology	1251				Urine
963	10525-4	Microscopic observation [Identifier] in Unspecified specimen by Cyto stain	Cytology	1498				XXX
964	33716-2	Non-gynecological cytology method study	Cytology	773				XXX

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
965	**Drug/Tox**							
966	For most abusable and/or illicit drugs/substances, LOINC provides distinct codes for testing done on a variety of specimens, e.g. urine, serum, hair, saliva, meconium, and amniotic fluid. Urine, serum, and meconium testing are the only specimens for drug testing you will see in the Top 2000 list. The rest can be found in the full LOINC database. For urine and serum testing, LOINC usually provides different codes for screening and confirming the presence of a given substance. Some substances are easier to find in the urine than in serum because the kidney concentrates them. For some substances, the testing targets a metabolic breakdown product that persists longer in the body than the substance itself. Typically the screening is done as a qualitative test reported as presence or absence (negative/ positive) based on a cut-off level. The cut-off is sometimes included in the value, e.g. "neg < 50 ug/ml" and sometimes in reference range. Be aware of the distinction between screening tests and confirmatory tests. Names for screening tests usually contain the word "screen" or an equivalent abbreviation, for example "Opiates serum scr." A positive screening test will be followed by a confirmatory test done by a different method, usually one that is more specific than the screening test. Negative confirmatory test results always trump positive screening tests, so when confirmatory testing is done, the laboratory usually does not report the results of a positive screening test. Confirmatory tests may be reported as quantitative or qualitative, and LOINC has different codes for each. (Home test kits are also available.) Therapeutic drug monitoring (TDM) tests of drug levels are included in the LOINC class "DRUG/TOX". These TDM tests are all quantitative tests done mostly on serum/plasma. For TDM testing for aminoglycosides and a few other antibiotics, LOINC includes codes for peak (post-dose) and trough (pre-dose) levels as well as another code that makes no statement about the timing relative to the dose — what some laboratories call "random." Be sure to distinguish these cases when you are mapping. For example: Mass Concentration Examples 4090-7 Vancomycin [Mass/volume] in Serum or Plasma --peak 4092-3 Vancomycin [Mass/volume] in Serum or Plasma --trough 20578-1 Vancomycin [Mass/volume] in Serum or Plasma (Use for random levels) Substance Concentration Examples 39796-8 Vancomycin [Moles/volume] in Serum or Plasma --peak 39797-6 Vancomycin [Moles/volume] in Serum or Plasma --trough 31012-8 Vancomycin [Moles/volume] in Serum or Plasma (Use for random levels)							
967	5583-0	Arsenic [Mass/volume] in Blood	Drug/Tox	1779	ug/dL	ug/dL		Bld
968	3520-4	Cyclosporine [Mass/volume] in Blood	Drug/Tox	474	ng/mL	ng/mL		Bld
969	5640-8	Ethanol [Mass/volume] in Blood	Drug/Tox	597	mg/dL	mg/dL		Bld
970	5639-0	Ethanol [Presence] in Blood	Drug/Tox	826				Bld
971	5671-3	Lead [Mass/volume] in Blood	Drug/Tox	266	ug/dL	ug/dL	Heavy metals are also done in RBC/vol	Bld
972	5685-3	Mercury [Mass/volume] in Blood	Drug/Tox	1314	ng/mL	ng/mL	Heavy metals are also done in RBC/vol	Bld
973	29247-4	Sirolimus [Mass/volume] in Blood	Drug/Tox	485	ng/mL	ng/mL	Bld is the preferred specimen	Bld
974	11253-2	Tacrolimus [Mass/volume] in Blood	Drug/Tox	216	ng/mL	ng/mL	Bld is the preferred specimen	Bld
975	8144-8	Amphetamines [Presence] in Meconium	Drug/Tox	1454				Meconium
976	8146-3	Amphetamines [Presence] in Meconium by Screen method	Drug/Tox	1116				Meconium
977	8187-7	Benzoylecgonine [Presence] in Meconium	Drug/Tox	1074				Meconium
978	31080-5	Cannabinoids [Presence] in Meconium by Screen method	Drug/Tox	1434				Meconium
979	40527-4	Cocaine [Presence] in Meconium	Drug/Tox	1448				Meconium
980	8214-9	Opiates [Presence] in Meconium	Drug/Tox	1417				Meconium
981	8216-4	Opiates [Presence] in Meconium by Screen method	Drug/Tox	1125				Meconium
982	8234-7	Phencyclidine [Presence] in Meconium by Screen method	Drug/Tox	930				Meconium
983	8169-5	Tetrahydrocannabinol [Presence] in Meconium by Screen method	Drug/Tox	1122			A marijuana metabolite, also called THC.	Meconium
984	31019-3	10-Hydroxycarbazepine [Mass/volume] in Serum or Plasma	Drug/Tox	1473	ug/mL	ug/mL		Ser/Plas

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985	3298-7	Acetaminophen [Mass/volume] in Serum or Plasma	Drug/Tox	402	ug/mL	ug/mL		Ser/Plas
986	35595-8	Acetaminophen [Mass/volume] in Serum or Plasma by Screen method	Drug/Tox	1819	ug/mL	ug/mL		Ser/Plas
987	3297-9	Acetaminophen [Presence] in Serum or Plasma	Drug/Tox	829				Ser/Plas
988	5568-1	Acetone [Mass/volume] in Serum or Plasma	Drug/Tox	1019	mg/dL	mg/dL		Ser/Plas
989	20469-3	Acetone [Presence] in Serum or Plasma by Screen method	Drug/Tox	1801				Ser/Plas
990	49578-8	Aminocaproate cutoff [Mass/volume] in Serum or Plasma	Drug/Tox	1806	ug/mL	ug/mL	Used when laboratories report the cut off as a separate observation	Ser/Plas
991	8149-7	Amphetamines [Presence] in Serum or Plasma by Screen method	Drug/Tox	926				Ser/Plas
992	3376-1	Barbiturates [Presence] in Serum, Plasma or Blood	Drug/Tox	520				Ser/Plas
993	3389-4	Benzodiazepines [Presence] in Serum or Plasma	Drug/Tox	536				Ser/Plas
994	3422-3	Caffeine [Mass/volume] in Serum or Plasma	Drug/Tox	1493	ug/mL	ug/mL		Ser/Plas
995	3432-2	Carbamazepine [Mass/volume] in Serum or Plasma	Drug/Tox	671	ug/mL	ug/mL		Ser/Plas
996	35603-0	Clonazepam [Mass/volume] in Serum or Plasma by Screen method	Drug/Tox	1699	ug/mL	ug/mL		Ser/Plas
997	8191-9	Cocaine [Presence] in Serum or Plasma by Screen method	Drug/Tox	924			NOTE: Cocaine is also detected through its metabolite benzoylecgomine.	Ser/Plas
998	5631-7	Copper [Mass/volume] in Serum or Plasma	Drug/Tox	1184	ug/dL	ug/dL		Ser/Plas
999	10535-3	Digoxin [Mass/volume] in Serum or Plasma	Drug/Tox	357	ng/mL	ng/mL		Ser/Plas
1000	5643-2	Ethanol [Mass/volume] in Serum or Plasma	Drug/Tox	365	mg/dL	mg/dL		Ser/Plas
1001	5646-5	Ethylene glycol [Mass/volume] in Serum or Plasma	Drug/Tox	1610	ug/mL	ug/mL		Ser/Plas
1002	35668-3	Gentamicin [Mass/volume] in Serum or Plasma	Drug/Tox	1092	mg/L	mg/L	Use this code for random Gentamicin tests (it is equivalent).	Ser/Plas
1003	3663-2	Gentamicin [Mass/volume] in Serum or Plasma --peak	Drug/Tox	965	mg/L	mg/L		Ser/Plas
1004	3665-7	Gentamicin [Mass/volume] in Serum or Plasma --trough	Drug/Tox	871	mg/L	mg/L		Ser/Plas
1005	5669-7	Isopropanol [Mass/volume] in Serum or Plasma	Drug/Tox	1528	mg/dL	mg/dL		Ser/Plas
1006	6948-4	Lamotrigine [Mass/volume] in Serum or Plasma	Drug/Tox	957	ug/mL	ug/mL		Ser/Plas
1007	10912-4	Lead [Mass/volume] in Serum or Plasma	Drug/Tox	1231	ug/dL	ug/dL		Ser/Plas
1008	30471-7	Levetiracetam [Mass/volume] in Serum or Plasma	Drug/Tox	1022	ug/mL	ug/mL		Ser/Plas
1009	3714-3	Lidocaine [Mass/volume] in Serum or Plasma	Drug/Tox	1934	ug/mL	ug/mL		Ser/Plas
1010	3719-2	Lithium [Mass/volume] in Serum or Plasma	Drug/Tox	1038			CAUTION: Because Lithium is the positive ion of salt, it is most commonly reported as mole/volume (14334-7), not as a mass concentration (3719-2).	Ser/Plas
1011	14334-7	Lithium [Moles/volume] in Serum or Plasma	Drug/Tox	667	mol/L	mol/L	Because Lithium is the positive ion of salt, it is most commonly reported as mole/volume (14334-7), not as a mass concentration (3719-2).	Ser/Plas
1012	5693-7	Methanol [Mass/volume] in Serum or Plasma	Drug/Tox	1352	mg/dL	mg/dL		Ser/Plas
1013	14836-1	Methotrexate [Moles/volume] in Serum or Plasma	Drug/Tox	877	umol/L	umol/L		Ser/Plas
1014	23905-3	Mycophenolate [Mass/volume] in Serum or Plasma	Drug/Tox	1787	ug/mL	ug/mL		Ser/Plas
1015	35622-0	Nordiazepam [Mass/volume] in Serum or Plasma by Screen method	Drug/Tox	1782	ug/mL	ug/mL		Ser/Plas
1016	35331-8	Oxcarbazepine [Mass/volume] in Serum or Plasma	Drug/Tox	1659	ug/mL	ug/mL		Ser/Plas
1017	3948-7	Phenobarbital [Mass/volume] in Serum or Plasma	Drug/Tox	710	ug/mL	ug/mL		Ser/Plas
1018	3968-5	Phenytoin [Mass/volume] in Serum or Plasma	Drug/Tox	356	ug/mL	ug/mL		Ser/Plas
1019	3969-3	Phenytoin Free [Mass/volume] in Serum or Plasma	Drug/Tox	1581	ug/mL	ug/mL		Ser/Plas

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1020	4024-6	Salicylates [Mass/volume] in Serum or Plasma	Drug/Tox	464	mg/dL	mg/dL		Ser/Plas
1021	35597-4	Salicylates [Mass/volume] in Serum or Plasma by Screen method	Drug/Tox	870	mg/dL	mg/dL		Ser/Plas
1022	4023-8	Salicylates [Presence] in Serum or Plasma	Drug/Tox	832				Ser/Plas
1023	5724-0	Selenium [Mass/volume] in Serum or Plasma	Drug/Tox	1614	ng/mL	ng/mL		Ser/Plas
1024	4049-3	Theophylline [Mass/volume] in Serum or Plasma	Drug/Tox	1059	ug/mL	ug/mL		Ser/Plas
1025	35670-9	Tobramycin [Mass/volume] in Serum or Plasma	Drug/Tox	1858	mg/L	mg/L		Ser/Plas
1026	4057-6	Tobramycin [Mass/volume] in Serum or Plasma --peak	Drug/Tox	1574	ug/mL	ug/mL		Ser/Plas
1027	4059-2	Tobramycin [Mass/volume] in Serum or Plasma --trough	Drug/Tox	1537	ug/ml	ug/ml		Ser/Plas
1028	17713-9	Topiramate [Mass/volume] in Serum or Plasma	Drug/Tox	1804	ug/mL	ug/mL		Ser/Plas
1029	4073-3	Tricyclic antidepressants [Presence] in Serum or Plasma	Drug/Tox	421				Ser/Plas
1030	4086-5	Valproate [Mass/volume] in Serum or Plasma	Drug/Tox	408	ug/mL	ug/mL		Ser/Plas
1031	20578-1	Vancomycin [Mass/volume] in Serum or Plasma	Drug/Tox	2009	ug/mL	ug/mL	Use this code for random Vancomycin tests (it is equivalent).	Ser/Plas
1032	4090-7	Vancomycin [Mass/volume] in Serum or Plasma --peak	Drug/Tox	937	ug/mL	ug/mL		Ser/Plas
1033	4092-3	Vancomycin [Mass/volume] in Serum or Plasma --trough	Drug/Tox	382	ug/mL	ug/mL		Ser/Plas
1034	5763-8	Zinc [Mass/volume] in Serum or Plasma	Drug/Tox	739	ug/mL	ug/mL		Ser/Plas
1035	19593-3	6-Monoacetylmorphine (6-MAM) [Mass/volume] in Urine by Confirmatory method	Drug/Tox	1646	ng/mL	ng/mL		Urine
1036	10976-9	6-Monoacetylmorphine (6-MAM) [Presence] in Urine	Drug/Tox	815				Urine
1037	3299-5	Acetaminophen [Presence] in Urine	Drug/Tox	742				Urine
1038	5569-9	Acetone [Presence] in Urine	Drug/Tox	473				Urine
1039	19343-3	Amphetamine [Presence] in Urine by Screen method	Drug/Tox	656			CAUTION: Amphetamines (singular) defines one compound . Amphetamines (plural) specifies a class of compounds, e.g. methamphetamine, amphetamine, MDMA (ecstasy), MDEA (Eve), etc. Amphetamine (singular) is a single chemical species.	Urine
1040	8150-5	Amphetamines [Mass/volume] in Urine	Drug/Tox	1361	ug/L	ug/L	CAUTION: Amphetamines (plural) specifies a class of compounds, e.g. methamphetamine, amphetamine, MDMA (ecstasy), MDEA (Eve), etc. Amphetamine (singular) is a single chemical species.	Urine
1041	3349-8	Amphetamines [Presence] in Urine	Drug/Tox	214			CAUTION: Amphetamines (plural) specifies a class of compounds, e.g. methamphetamine, amphetamine, MDMA (ecstasy), MDEA (Eve), etc. Amphetamine (singular) is a single chemical species.	Urine
1042	19261-7	Amphetamines [Presence] in Urine by Screen method	Drug/Tox	1508			CAUTION: Amphetamines (plural) specifies a class of compounds, e.g. methamphetamine, amphetamine, MDMA (ecstasy), MDEA (Eve), etc. Amphetamine (singular) is a single chemical species.	Urine
1043	33915-0	Anabasine [Mass/volume] in Urine	Drug/Tox	1372	ng/mL	ng/mL		Urine
1044	9426-8	Barbiturates [Mass/volume] in Urine	Drug/Tox	1365	ug/mL	ug/mL		Urine
1045	3377-9	Barbiturates [Presence] in Urine	Drug/Tox	207				Urine
1046	19270-8	Barbiturates [Presence] in Urine by Screen method	Drug/Tox	706				Urine

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1047	9428-4	Benzodiazepines [Mass/volume] in Urine	Drug/Tox	1367	ug/L	ug/L		Urine
1048	3390-2	Benzodiazepines [Presence] in Urine	Drug/Tox	196				Urine
1049	16195-0	Benzodiazepines [Presence] in Urine by Confirmatory method	Drug/Tox	1915				Urine
1050	14316-4	Benzodiazepines [Presence] in Urine by Screen method	Drug/Tox	1307				Urine
1051	3393-6	Benzoylecgonine [Presence] in Urine	Drug/Tox	293			Major metabolite of cocaine.	Urine
1052	14314-9	Benzoylecgonine [Presence] in Urine by Screen method	Drug/Tox	719			Major metabolite of cocaine.	Urine
1053	3414-0	Buprenorphine [Presence] in Urine	Drug/Tox	812				Urine
1054	18282-4	Cannabinoids [Presence] in Urine by Screen method	Drug/Tox	224			Detects a variety of marijuana metabolite, such as THC-COOH.	Urine
1055	26760-9	Cannabinoids [Units/volume] in Urine	Drug/Tox	768	ng/mL	ng/mL	Detects a variety of marijuana metabolite, such as THC-COOH.	Urine
1056	19287-2	Cannabinoids tested for in Urine by Screen method Nominal	Drug/Tox	1715				Urine
1057	3436-3	Carboxy tetrahydrocannabinol [Mass/volume] in Urine	Drug/Tox	1840	ng/mL	ng/mL	Detects a variety of marijuana metabolite, such as THC-COOH.	Urine
1058	3397-7	Cocaine [Presence] in Urine	Drug/Tox	301				Urine
1059	16250-3	Codeine [Mass/volume] in Urine by Confirmatory method	Drug/Tox	1445	ng/mL	ng/mL		Urine
1060	3507-1	Codeine [Presence] in Urine	Drug/Tox	1323				Urine
1061	10366-3	Cotinine [Mass/volume] in Urine	Drug/Tox	674	ng/mL	ng/mL	Metabolite of nicotine. Used to test for smoking.	Urine
1062	40464-0	Drugs identified in Urine by Confirmatory method	Drug/Tox	1711			The reported value of this observation would be the name or ID for one or more drug species.	Urine
1063	12286-1	Drugs identified in Urine by Screen method	Drug/Tox	1071			The reported value of this observation would be the name or ID for one or more drug species.	Urine
1064	5645-7	Ethanol [Mass/volume] in Urine	Drug/Tox	892	mg/dL	mg/dL		Urine
1065	5644-0	Ethanol [Presence] in Urine	Drug/Tox	1651				Urine
1066	11235-9	Fentanyl [Presence] in Urine	Drug/Tox	1509				Urine
1067	12308-3	Hydrocodone [Presence] in Urine	Drug/Tox	1622				Urine
1068	9834-3	Hydromorphone [Presence] in Urine	Drug/Tox	1623				Urine
1069	3746-5	Meperidine [Presence] in Urine	Drug/Tox	1268				Urine
1070	3773-9	Methadone [Presence] in Urine	Drug/Tox	417				Urine
1071	19550-3	Methadone [Presence] in Urine by Screen method	Drug/Tox	629				Urine
1072	3779-6	Methamphetamine [Presence] in Urine	Drug/Tox	634				Urine
1073	19554-5	Methamphetamine [Presence] in Urine by Screen method	Drug/Tox	663				Urine
1074	3786-1	Methaqualone [Presence] in Urine	Drug/Tox	1799				Urine
1075	16251-1	Morphine [Mass/volume] in Urine by Confirmatory method	Drug/Tox	1466	ng/mL	ng/mL		Urine
1076	3830-7	Morphine [Presence] in Urine	Drug/Tox	1350				Urine
1077	3854-7	Nicotine [Mass/volume] in Urine	Drug/Tox	802	ng/mL	ng/mL	Used to test for tobacco smoking	Urine
1078	16228-9	Nordiazepam [Mass/volume] in Urine by Confirmatory method	Drug/Tox	1759	ng/mL	ng/mL		Urine
1079	3861-2	Nordiazepam [Presence] in Urine	Drug/Tox	1835				Urine
1080	33917-6	Nornicotine [Mass/volume] in Urine	Drug/Tox	1665	ng/mL	ng/mL	Metabolite of nicotine, used to test for tobacco smoking.	Urine
1081	8220-6	Opiates [Mass/volume] in Urine	Drug/Tox	1758	ng/mL	ng/mL		Urine
1082	3879-4	Opiates [Presence] in Urine	Drug/Tox	195				Urine
1083	18390-5	Opiates [Presence] in Urine by Confirmatory method	Drug/Tox	553				Urine

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1084	19295-5	Opiates [Presence] in Urine by Screen method	Drug/Tox	987				Urine
1085	19296-3	Opiates tested for in Urine by Screen method Nominal	Drug/Tox	1139			The values reported would be the names of the opiates that could be detected by the procedure	Urine
1086	16201-6	Oxazepam [Mass/volume] in Urine by Confirmatory method	Drug/Tox	1756	ng/mL	ng/mL		Urine
1087	12361-2	Oxazepam [Presence] in Urine	Drug/Tox	1836				Urine
1088	16249-5	Oxycodone [Mass/volume] in Urine by Confirmatory method	Drug/Tox	1625	ng/mL	ng/mL		Urine
1089	10998-3	Oxycodone [Presence] in Urine	Drug/Tox	814				Urine
1090	19643-6	Oxycodone [Presence] in Urine by Confirmatory method	Drug/Tox	1628				Urine
1091	17395-5	Oxymorphone [Mass/volume] in Urine by Confirmatory method	Drug/Tox	1631	ng/mL	ng/mL		Urine
1092	18325-1	Oxymorphone [Presence] in Urine by Confirmatory method	Drug/Tox	1629				Urine
1093	3936-2	Phencyclidine [Presence] in Urine	Drug/Tox	321				Urine
1094	19659-2	Phencyclidine [Presence] in Urine by Screen method	Drug/Tox	273				Urine
1095	3545-1	Propoxyphene [Mass/volume] in Urine	Drug/Tox	1505	ng/mL	ng/mL		Urine
1096	19141-1	Propoxyphene [Presence] in Urine	Drug/Tox	932				Urine
1097	19429-0	Propoxyphene [Presence] in Urine by Screen method	Drug/Tox	1464				Urine
1098	3426-4	Tetrahydrocannabinol [Presence] in Urine	Drug/Tox	368			Metabolite of marijuana, also called THC.	Urine
1099	19415-9	Tetrahydrocannabinol [Presence] in Urine by Screen method	Drug/Tox	933			Metabolite of marijuana, also called THC.	Urine
1100	19710-3	Tramadol [Presence] in Urine by Screen method	Drug/Tox	1539				Urine
1101	11004-9	Tricyclic antidepressants [Presence] in Urine	Drug/Tox	568				Urine
1102	19312-8	Tricyclic antidepressants [Presence] in Urine by Screen method	Drug/Tox	443				Urine

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1103	**Fertility Male**							
1104	10587-4	Sexual abstinence duration	Fertility Male	1481	d	d	Days of abstinence prior to semen specimen	^Patient
1105	34696-5	Collection method [Type] of Semen	Fertility Male	1810				Semen
1106	13358-7	Collection time of Semen	Fertility Male	1373				Semen
1107	13627-5	Erythrocytes [Presence] in Semen by Light microscopy	Fertility Male	1813			Laboratories use many specific terms to report semen analysis observations that are not included in the top 2000. LOINC has >130 such observation codes in its full table	Semen
1108	13943-6	Fructose [Presence] in Semen	Fertility Male	1532			Absence of fructose may indicate problem with seminal vesicle. Normal cut off is >300 mg/mL	Semen
1109	10579-1	Leukocytes [#/volume] in Semen	Fertility Male	1489	10*6/mL	10*6/mL		Semen
1110	10580-9	Liquefaction [Time] in Semen	Fertility Male	1767	min	min		Semen
1111	2752-4	pH of Semen	Fertility Male	1166	[pH]	pH		Semen
1112	10585-8	Round cells [#/volume] in Semen	Fertility Male	1101	10*6/mL	10*6/mL		Semen
1113	9780-8	Spermatozoa [#/volume] in Semen	Fertility Male	1001	10*6/mL	10*6/mL		Semen
1114	38544-3	Spermatozoa [#/volume] in Semen --pre washing	Fertility Male	1266	10*6/mL	10*6/mL		Semen
1115	9704-8	Spermatozoa [Morphology] in Semen	Fertility Male	1475				Semen
1116	34441-6	Spermatozoa [Velocity] in Semen	Fertility Male	1533	um/s	um/s		Semen
1117	33217-1	Spermatozoa Agglutinated [Presence] in Semen	Fertility Male	1102				Semen
1118	13942-8	Spermatozoa Motile [Presence] in Semen by Light microscopy	Fertility Male	1680				Semen
1119	6800-7	Spermatozoa Motile/100 spermatozoa in Semen	Fertility Male	1083	%	%		Semen
1120	38540-1	Spermatozoa Motile/100 spermatozoa in Semen --pre washing	Fertility Male	1267	%	%		Semen
1121	10622-9	Spermatozoa Normal/100 spermatozoa in Semen	Fertility Male	1682	%	%		Semen
1122	14194-5	Spermatozoa Progressive/100 spermatozoa in Semen	Fertility Male	1485	%	%		Semen
1123	9631-3	Viscosity of Semen	Fertility Male	1100				Semen
1124	32789-0	Viscosity of Semen Qualitative	Fertility Male	1856				Semen
1125	3160-9	Volume of Semen	Fertility Male	904	mL	mL		Semen
1126	40692-6	Volume of Semen--pre washing	Fertility Male	1499	mL	mL		Semen

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1127	Heme-Bld CBC/Hemogram							
1128	The Complete Blood Count/hemogram panel (often called CBC) includes total counts of the main cellular blood components (WBC, RBC, and platelets), hemoglobin, hematocrit, and various Red cell and platelet indices. It does not include a differential count. Platelet counts are a required part of all of the CPT codes for CBCs/hemograms. You can expect all of the LOINC codes within a CBC/Hemogram to have a method of automated in the US, with the one exception of hemoglobin. The Hemoglobin delivered by the automated counters uses standard chemistry methods for its quantification. So it is the same code as delivered by a chemistry instrument. The hematocrit that comes with the CBC/Hemogram is LOINC 4544-3. Separate codes are available for spun capillary tube hematocrits (LOINC 4545-0). For the point of care hematocrit (done on a chemistry instrument) use LOINC 718-7.							
1129	21000-5	Erythrocyte distribution width [Entitic volume] by Automated count	Heme-Bld CBC/Hemogram	159	fL	fL	This is the version of RDW reported in volume units, Do not confuse with LOINC 788-0 reported as a %.	Bld
1130	788-0	Erythrocyte distribution width [Ratio] by Automated count	Heme-Bld CBC/Hemogram	24	%	%	This it the version of the RDW reported with units of % Do not confuse with the term that reports the same test name with units of fL (LOINC 21000-5)	Bld
1131	785-6	Erythrocyte mean corpuscular hemoglobin [Entitic mass] by Automated count	Heme-Bld CBC/Hemogram	11	pg	pg		Bld
1132	786-4	Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume] by Automated count	Heme-Bld CBC/Hemogram	10	g/dL	g/dL		Bld
1133	30428-7	Erythrocyte mean corpuscular volume [Entitic volume]	Heme-Bld CBC/Hemogram	34	fL	fL	This will mostly be reported as automated which requires LOINC 787-2	Bld
1134	787-2	Erythrocyte mean corpuscular volume [Entitic volume] by Automated count	Heme-Bld CBC/Hemogram	17	fL	fL	99% of these values will be done by automated method	Bld
1135	789-8	Erythrocytes [#/volume] in Blood by Automated count	Heme-Bld CBC/Hemogram	9	10*6/uL	10*6/uL		Bld
1136	20570-8	Hematocrit [Volume Fraction] of Blood	Heme-Bld CBC/Hemogram	28	%	%	Use for POC testing based on instruments that produce other chemistry tests and are not cell counters.	Bld
1137	4544-3	Hematocrit [Volume Fraction] of Blood by Automated count	Heme-Bld CBC/Hemogram	14	%	%	Most Hematocrits delivered by referral and hospital laboratories will be produced by automated count- and will be delivered with this code	Bld
1138	4545-0	Hematocrit [Volume Fraction] of Blood by Centrifugation	Heme-Bld CBC/Hemogram	545	%	%	Only use this term for spun capillary tube. Mostly will want LOINC 4544-3	Bld
1139	718-7	Hemoglobin [Mass/volume] in Blood	Heme-Bld CBC/Hemogram	2	g/dL	g/dL	This is the the code included in the CBC auto. It is NOT obtained via the automated counting but uses a chemistry method just like most other hemoglobins	Bld
1140	12227-5	Leukocytes [#/volume] corrected for nucleated erythrocytes in Blood	Heme-Bld CBC/Hemogram	1504	10*3/uL	10*3/uL	#	Bld

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1141	33256-9	Leukocytes [#/volume] corrected for nucleated erythrocytes in Blood by Automated count	Heme-Bld CBC/Hemogram	2010	10*3/uL	10*3/uL		Bld
1142	26464-8	Leukocytes [#/volume] in Blood	Heme-Bld CBC/Hemogram	33	10*3/uL	10*3/uL	Most leukocyte counts will be done by an automated counter and will be reported under LOINC 6690-2. This term should be used only rarely	Bld
1143	6690-2	Leukocytes[#/volume] in Blood by Automated count	Heme-Bld CBC/Hemogram	15	10*3/uL	10*3/uL		Bld
1144	32623-1	Platelet mean volume [Entitic volume] in Blood by Automated count	Heme-Bld CBC/Hemogram	149	fL	fL		Bld
1145	26515-7	Platelets [#/volume] in Blood	Heme-Bld CBC/Hemogram	31	10*3/uL	10*3/uL		Bld
1146	777-3	Platelets [#/volume] in Blood by Automated count	Heme-Bld CBC/Hemogram	18	10*3/uL	10*3/uL	99% of all blood count will be automated so this is usually the right choice	Bld
1147	32207-3	Platelet distribution width [Entitic volume] in Blood by Automated count	Heme-Bld CBC/Hemogram	1233				
1148	## Heme-Bld Diff Count							
1149	Automation has come to the world of differential counts as well. The early automated differential counters could distinguish 3 cell types. Today's cell counters (Nov 2010 CAPTODAY) all count the big 5- neutrophils, eosinophils, basophils, lymphocytes, and monocytes. Some add a sixth, agranular neutrophils. Most can measure reticulocytes and nucleated RBCs. Many can flag the presence of many special cell types, e.g., nucleated RBCs, Variant (atypical) lymphocytes, blasts, and immature WBCs by cell line. Some may count some of these cells, as well. Most of the counts of the big five that you receive will be automated counts. Manual counts will usually distinguish segmented and band neutrophils. Today's automated counts s will not make this distinction. When a reflex manual differential is done after an automated differential count, laboratories t may keep the automated measures for the big five cell types- because they tend to be much more accurate, they display only the manual measures for these counts for consistencies, or they may report both as separate results. Accordingly, the Top 2000 list generally includes a code for the automated count, the manual count, and one that does not specify the method for these cell types. We recommend being specific as to method, especially when both the manual and automated could be delivered in the same report. The cell types that historically could only be measured by manual methods will generally have two LOINC codes, one with method of manual and one for historical reason without method. It is likely that more of these cell types will be recognized by automated counters in the future. So it would be recommended to avoid the term that does not distinguish method.							
1150	26444-0	Basophils [#/volume] in Blood	Heme-Bld Diff Count	121	10*3/uL	10*3/uL		Bld
1151	704-7	Basophils [#/volume] in Blood by Automated count	Heme-Bld Diff Count	27	10*3/uL	10*3/uL	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1152	30180-4	Basophils/100 leukocytes in Blood	Heme-Bld Diff Count	54	%	%		Bld

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1153	706-2	Basophils/100 leukocytes in Blood by Automated count	Heme-Bld Diff Count	42	%	%	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1154	707-0	Basophils/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	235	%	%		Bld
1155	30376-8	Blasts [#/volume] in Blood	Heme-Bld Diff Count	996	10*3/uL	10*3/uL		Bld
1156	708-8	Blasts [#/volume] in Blood by Manual count	Heme-Bld Diff Count	2011	10*3/uL	10*3/uL	Today, automated counters can signal blasts but can not count them accurately	Bld
1157	26446-5	Blasts/100 leukocytes in Blood	Heme-Bld Diff Count	805	%	%	#	Bld
1158	709-6	Blasts/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	791	%	%	Today, automated counters can signal blasts but can not count them accurately	Bld
1159	33255-1	Cell Fractions/Differential [interpretation] in Blood	Heme-Bld Diff Count	450			Overall interpretation of differential count	Bld
1160	11282-1	Cells Counted Total [#] in Blood	Heme-Bld Diff Count	183	{#}	#	Most applicable to manual counts- especially when the white cells are few in number and less than 100 cells can be counted.	Bld
1161	26449-9	Eosinophils [#/volume] in Blood	Heme-Bld Diff Count	67	10*3/uL	10*3/uL		Bld
1162	711-2	Eosinophils [#/volume] in Blood by Automated count	Heme-Bld Diff Count	50	10*3/uL	10*3/uL	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1163	26450-7	Eosinophils/100 leukocytes in Blood	Heme-Bld Diff Count	49	%	%		Bld
1164	713-8	Eosinophils/100 leukocytes in Blood by Automated count	Heme-Bld Diff Count	43	%	%	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1165	714-6	Eosinophils/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	229	%	%		Bld
1166	30394-1	Granulocytes [#/volume] in Blood	Heme-Bld Diff Count	2002	10*3/uL	10*3/uL	Granulocytes counts were components of the 3 part automated differential count. So this code was created years ago for those instruments and did not include a method term because there was no ambiguity. It included neutrophils (segs and band), and eosinophils (per UpToDate Sep 2010). The other components of the 3 part count were lymphocytes and monocytes. Today almost all automated differential counters are 5 or 6 part counts that do not include this term.	Bld

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1167	34165-1	Granulocytes Immature [Presence] in Blood by Automated count	Heme-Bld Diff Count	1866			Some automated differential counters can flag for the presence of immature granulocytes. Some can do the same with immature monocytes and lymphocytes. These may only be used as a reflex to manual count rather than be reported.	Bld
1168	17788-1	Large unstained cells/100 leukocytes in Blood by Automated count	Heme-Bld Diff Count	1894	%	%	All modern differential counters- count at least 5 types of cells- Neutrophils, Eos, Basos, Lymps and Monos. Large unstained cells are the 6th type and only provided by counters that stain cells myeloperoxidase. The large unstained cells and reflect myeloperoxidase deficiency.	Bld
1169	17790-7	Leukocytes Left Shift [Presence] in Blood by Automated count	Heme-Bld Diff Count	394			Many automated counters can identify a left shift and report it as a qualitative result (Flag)	Bld
1170	26471-3	Leukocytes other/100 leukocytes in Blood	Heme-Bld Diff Count	1200	%	%		Bld
1171	730-2	Leukocytes other/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	1316	%	%	This category is used only in manual counts. So avoid 26471-3	Bld
1172	26474-7	Lymphocytes [#/volume] in Blood	Heme-Bld Diff Count	70	10*3/uL	10*3/uL		Bld
1173	731-0	Lymphocytes [#/volume] in Blood by Automated count	Heme-Bld Diff Count	35	10*3/uL	10*3/uL	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1174	15197-7	Lymphocytes Fissured/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	1516	%	%		Bld
1175	13046-8	Lymphocytes Variant/100 leukocytes in Blood	Heme-Bld Diff Count	817	%	%	Also called atypical lymphocytes- Some automated counters can report these values. LOINC codes for them can be found in the full LOINC data base	Bld
1176	735-1	Lymphocytes Variant/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	167	%	%	Also called atypical lymphocytes- Some automated counters can report these values. LOINC codes for them can be found in the full LOINC data base	Bld
1177	26478-8	Lymphocytes/100 leukocytes in Blood	Heme-Bld Diff Count	45	%	%		Bld
1178	736-9	Lymphocytes/100 leukocytes in Blood by Automated count	Heme-Bld Diff Count	41	%	%	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1179	737-7	Lymphocytes/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	186	%	%		Bld
1180	739-3	Metamyelocytes [#/volume] in Blood by Manual count	Heme-Bld Diff Count	486	10*3/uL	10*3/uL		Bld
1181	28541-1	Metamyelocytes/100 leukocytes in Blood	Heme-Bld Diff Count	320	%	%	#	Bld
1182	740-1	Metamyelocytes/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	306	%	%		Bld

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1183	26484-6	Monocytes [#/volume] in Blood	Heme-Bld Diff Count	61	10*3/uL	10*3/uL		Bld
1184	742-7	Monocytes [#/volume] in Blood by Automated count	Heme-Bld Diff Count	52	10*3/uL	10*3/uL	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1185	743-5	Monocytes [#/volume] in Blood by Manual count	Heme-Bld Diff Count	472	10*3/uL	10*3/uL		Bld
1186	26485-3	Monocytes/100 leukocytes in Blood	Heme-Bld Diff Count	40	%	%		Bld
1187	5905-5	Monocytes/100 leukocytes in Blood by Automated count	Heme-Bld Diff Count	44	%	%	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1188	744-3	Monocytes/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	225	%	%		Bld
1189	30446-9	Myelocytes [#/volume] in Blood	Heme-Bld Diff Count	524	10*3/uL	10*3/uL	#	Bld
1190	748-4	Myelocytes [#/volume] in Blood by Manual count	Heme-Bld Diff Count	525	10*3/uL	10*3/uL	All reports of myelocytes will be produced by manual counts	Bld
1191	26498-6	Myelocytes/100 leukocytes in Blood	Heme-Bld Diff Count	378	%	%	#	Bld
1192	749-2	Myelocytes/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	371	%	%	All reports of myelocytes will be produced by manual counts	Bld
1193	26499-4	Neutrophils [#/volume] in Blood	Heme-Bld Diff Count	57	10*3/uL	10*3/uL	#	Bld
1194	751-8	Neutrophils [#/volume] in Blood by Automated count	Heme-Bld Diff Count	46	10*3/uL	10*3/uL	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1195	26507-4	Neutrophils.band form [#/volume] in Blood	Heme-Bld Diff Count	199	10*3/uL	10*3/uL	#	Bld
1196	763-3	Neutrophils.band form [#/volume] in Blood by Manual count	Heme-Bld Diff Count	347	10*3/uL	10*3/uL	Most neutrophil band form will come from manual counts. It is possible that some very new differential counters count band forms. But that would be unusual.	Bld
1197	34524-9	Neutrophils.band form [Presence] in Blood by Automated count	Heme-Bld Diff Count	1297			Some newer auto differential counters might be able to count Band cells (others can report the presence as a qualitative results)	Bld
1198	26508-2	Neutrophils.band form/100 leukocytes in Blood	Heme-Bld Diff Count	177	%	%	#	Bld
1199	764-1	Neutrophils.band form/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	136	%	%	Most neutrophil band form will come from manual counts. It is possible that some very new differential counters count band forms. But that would be unusual.	Bld

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1200	769-0	Neutrophils.segmented/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	228	%	%	Most segmented neutrophils will come from manual counts. Very few if any automated differential counters claim to distinguish segmented neutrophils..	Bld
1201	26511-6	Neutrophils/100 leukocytes in Blood	Heme-Bld Diff Count	76	%	%	#	Bld
1202	770-8	Neutrophils/100 leukocytes in Blood by Automated count	Heme-Bld Diff Count	25	%	%	This cell type is counted by all modern automated differential machines; so most results will be reported under the LOINC code with method of automated count.	Bld
1203	23761-0	Neutrophils/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	1191	%	%		Bld
1204	771-6	Nucleated erythrocytes [#/volume] in Blood by Automated count	Heme-Bld Diff Count	1247	10*3/uL	10*3/uL	Most modern auto differential counts can identify NRBCs.	Bld
1205	772-4	Nucleated erythrocytes [#/volume] in Blood by Manual count	Heme-Bld Diff Count	501	10*3/uL	10*3/uL		Bld
1206	773-2	Nucleated erythrocytes/100 erythrocytes in Blood by Manual count	Heme-Bld Diff Count	960	%	%	Automated instruments measure per 100 WBCs rather than per 100 RBCs so they can correct the WBC. It is very UNLIKELY you will see many labs test with the denominator of RBC's. So, be sure that you don't want to map to 58413-6.	Bld
1207	58413-6	Nucleated erythrocytes/100 leukocytes [Ratio] in Blood by Automated count	Heme-Bld Diff Count	326	%	%	Almost all nucleated RBC/100 WBC's will come from automated cell counts , so 99% of time you will want 58413-6 and not the non-specified, methodless term 19048-8.	Bld
1208	24103-4	Plasma cells [#/volume] in Blood by Manual count	Heme-Bld Diff Count	1923				Bld
1209	13047-6	Plasma cells/100 leukocytes in Blood	Heme-Bld Diff Count	1443	%	%		Bld
1210	31160-5	Polymorphonuclear cells/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	423	%	%		Bld
1211	26523-1	Promyelocytes [#/volume] in Blood	Heme-Bld Diff Count	1076	10*3/uL	10*3/uL	#	Bld
1212	781-5	Promyelocytes [#/volume] in Blood by Manual count	Heme-Bld Diff Count	1459	10*3/uL	10*3/uL	Promyelocytes can only come from a manual count	Bld
1213	26524-9	Promyelocytes/100 leukocytes in Blood	Heme-Bld Diff Count	929	%	%	#	Bld
1214	783-1	Promyelocytes/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	919	%	%	Promyelocytes counts can only come from a manual count	Bld
1215	14912-0	Smudge cells/100 leukocytes in Blood by Manual count	Heme-Bld Diff Count	974	%	%	Smudge cells can only come from manual counts (so far)	Bld
1216	18309-5	Nucleated erythrocytes/100 leukocytes [Ratio] in Blood by Manual count	Heme-Bld Diff Count	2012	%	%		
1217	Heme-Bld Morph							

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1218	LOINC accommodates more than one way to report morphologic cell findings. It provides one term for reporting the presence of almost any kind of abnormal cell or morphologic finding (see LOINC 5909-7 Blood smear finding [Identifier] in Blood by Light microscopy). It also provides terms for reporting Red cell, white cell, and platelet findings separately (see LOINC 11125-2 Platelet morphology finding [Identifier] in Blood, 6742-1 Erythrocyte morphology finding [Identifier] in Blood, and 11156-7 Leukocyte morphology finding [Identifier] in Blood). LOINC provides example answer lists for presenting the findings likely to be reported under such variables. These are the more common patterns for blood smear readings. However, laboratories report may also report many of the individual findings as separate variables which can take on ordinal values such as 1+, 2+, 3+. So LOINC also provides codes for reporting such variables. As automated differential counting instruments get smarter they report many such findings (anisocytosis, hypochromia, macrocytes) qualitatively. Because these are delivered from the instrument as discrete variables they will be more likely to be reported as individual variables.							
1219	5909-7	Blood smear finding [Identifier] in Blood by Light microscopy	Heme-Bld Morph	1435			Some laboratories will report all smear morphology findings under one general variable. term. Others use different variables for platelet, RBC and WBC morphology. And still others report each finding with its own variable.	Bld
1220	18314-5	Morphology [interpretation] in Blood Narrative	Heme-Bld Morph	112				Bld
1221	**Heme-Bld Morph Platelet**							
1222	7796-6	Platelet clump [Presence] in Blood by Light microscopy	Heme-Bld Morph Platelet	1936			Some laboratories will use a separate variable for reporting the presence of this finding.	Bld
1223	11125-2	Platelet morphology finding [Identifier] in Blood	Heme-Bld Morph Platelet	259			Many laboratories will report platelet morphology findings in this term (LOINC 11125-2). Some may report each observed finding (see other terms in this section).	Bld
1224	18312-9	Platelet satellitism [Presence] in Blood by Light microscopy	Heme-Bld Morph Platelet	2004			Some laboratories will use a separate variable for reporting the presence of this finding.	Bld
1225	9317-9	Platelets [Presence] in Blood by Light microscopy	Heme-Bld Morph Platelet	141			Often called platelet adequacy and recorded qualitatively as increased, adequate, low , very low, etc.	Bld
1226	33216-3	Platelets agranular [Presence] in Blood by Light microscopy	Heme-Bld Morph Platelet	1970			Some laboratories will use a separate variable for reporting the presence of this finding.	Bld
1227	5908-9	Platelets Giant [Presence] in Blood by Light microscopy	Heme-Bld Morph Platelet	1572			Some laboratories will use a separate variable for reporting the presence of this finding.	Bld
1228	32146-3	Platelets Large [Presence] in Blood by Light microscopy	Heme-Bld Morph Platelet	1042			Some laboratories will use a separate variable for reporting the presence of this finding.	Bld
1229	**Heme-Bld Morph RBC**							
1230	7789-1	Acanthocytes [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	1163			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1231	15150-6	Anisocytosis [Presence] in Blood by Automated count	Heme-Bld Morph RBC	284			This finding may be reported as an ordinal result from an automated CBC/hemogram	Bld
1232	702-1	Anisocytosis [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	234			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1233	703-9	Basophilic stippling [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	651			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1234	7791-7	Dacrocytes [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	340			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1235	11274-8	Elliptocytes [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	1093			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1236	49121-7	Erythrocyte inclusion bodies [Identifier] in Blood	Heme-Bld Morph RBC	680			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1237	6742-1	Erythrocyte morphology finding [Identifier] in Blood	Heme-Bld Morph RBC	132			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1238	716-1	Heinz bodies [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	1981			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1239	7793-3	Howell-Jolly bodies [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	1091			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1240	15180-3	Hypochromia [Presence] in Blood by Automated count	Heme-Bld Morph RBC	260			This finding may be reported as an ordinal result from an automated CBC/hemogram	Bld

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1241	728-6	Hypochromia [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	119			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1242	15198-5	Macrocytes [Presence] in Blood by Automated count	Heme-Bld Morph RBC	286			This finding may be reported as an ordinal result from an automated CBC/hemogram	Bld
1243	738-5	Macrocytes [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	101				Bld
1244	15199-3	Microcytes [Presence] in Blood by Automated count	Heme-Bld Morph RBC	299			This finding may be reported as an ordinal result from an automated CBC/hemogram	Bld
1245	741-9	Microcytes [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	103			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1246	774-0	Ovalocytes [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	243			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1247	7795-8	Pappenheimer bodies [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	1954			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1248	38908-0	Poikilocytosis [Presence] in Blood by Automated count	Heme-Bld Morph RBC	905			This finding may be reported as an ordinal result from an automated CBC/hemogram	Bld
1249	779-9	Poikilocytosis [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	302			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1250	10378-8	Polychromasia [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	189			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1251	7797-4	Rouleaux [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	1950			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1252	800-3	Schistocytes [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	363			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1253	801-1	Sickle cells [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	1018			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1254	802-9	Spherocytes [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	658			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1255	10380-4	Stomatocytes [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	1966			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1256	10381-2	Target cells [Presence] in Blood by Light microscopy	Heme-Bld Morph RBC	413			Most laboratories will report such findings as answers in their RBC morphology term (LOINC 67442-1). Others will report each observed finding as a separate variable, such as this one, and assign values of 1+, 2+, 3+.	Bld
1257	Heme-Bld Morph WBC							
1258	11281-3	Auer rods [Presence] in Blood by Light microscopy	Heme-Bld Morph WBC	1972			Most laboratories will report such findings as answers in their WBC morphology variable (LOINC 11156-7). Some may report each of these findings with values of 1+,2+, etc., as separate variables such as this term.	Bld
1259	7790-9	Burr cells [Presence] in Blood by Light microscopy	Heme-Bld Morph WBC	424			Qualitative variable for reporting presence or absence of this cell type based on count. Cells may also be reported as counts using a different LOINC code.	Bld
1260	7792-5	Dohle body [Presence] in Blood by Light microscopy	Heme-Bld Morph WBC	806			Variable for qualitative reporting (present/absent) based on the count of cells with this finding.	Bld
1261	11156-7	Leukocyte morphology finding [Identifier] in Blood	Heme-Bld Morph WBC	349			Many laboratories will report WBC morphology findings in this term (LOINC 11156-7). Some may report each finding under separate LOINC terms (see the other LOINC terms in this section).	Bld
1262	15192-8	Lymphocytes Variant [Presence] in Blood by Automated count	Heme-Bld Morph WBC	1814			Lymphocyte variatns (also called atypical lymphocytes) may also be counted as an explicit cell type in manual counts. Some automated instruments can also count them.	Bld

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1263	33215-5	Neutrophils.agranular [Presence] in Blood by Light microscopy	Heme-Bld Morph WBC	1963				Bld
1264	765-8	Neutrophils.hypersegmented [Presence] in Blood by Light microscopy	Heme-Bld Morph WBC	1952			Qualitative variable for reporting presence or absence of this cell type based on count. Cells may also be reported as counts using a different LOINC code.	Bld
1265	18319-4	Neutrophils.vacuolated [Presence] in Blood by Light microscopy	Heme-Bld Morph WBC	1288			Qualitative variable for reporting presence or absence of this cell type based on count. Cells may also be reported as counts using a different LOINC code.	Bld
1266	18311-1	Pelger Huet cells [Presence] in Blood by Light microscopy	Heme-Bld Morph WBC	1971			Most laboratories will report such findings as answers in their WBC morphology variable (LOINC 11156-7). Some may report each of these findings with values of 1+,2+, etc., as separate variables such as this term.	Bld
1267	7798-2	Smudge cells [Presence] in Blood by Light microscopy	Heme-Bld Morph WBC	1128			Qualitative variable for reporting presence or absence of this cell type based on count. Cells may also be reported as counts using a different LOINC code.	Bld
1268	803-7	Toxic granules [Presence] in Blood by Light microscopy	Heme-Bld Morph WBC	481			Variable for qualitative reporting (present/absent) based on the count of cells with this finding.	Bld
1269	Heme-Bld Other Fluid Cell Counts							
1270	19098-3	Erythrocytes [Presence] in Amniotic fluid	Heme-Bld Other Fluid Cell Counts	1731				Amnio fld
1271	48051-7	Erythrocytes [Presence] in Vaginal fluid	Heme-Bld Other Fluid Cell Counts	1538				Vag
1272	Heme-Bld Reticulocytes							
1273	42810-2	Hemoglobin [Entitic mass] in Reticulocytes	Heme-Bld Reticulocytes	1413	pg	pg	The amount of Hb in the average Reticulocyte	Bld
1274	14196-0	Reticulocytes [#/volume] in Blood	Heme-Bld Reticulocytes	555	10*3/uL	10*3/uL		Bld
1275	4679-7	Reticulocytes/100 erythrocytes in Blood	Heme-Bld Reticulocytes	281	%	%		Bld
1276	17849-1	Reticulocytes/100 erythrocytes in Blood by Automated count	Heme-Bld Reticulocytes	1124	%	%		Bld
1277	31112-6	Reticulocytes/100 erythrocytes in Blood by Manual	Heme-Bld Reticulocytes	1788	Reticulocytes/100 erythrocytes	Reticulocytes/100 erythrocytes	Reticulocytes are reported as percents (per 100) of RBC's even if based on a count of 1000 RBC's or more. So the right item for a manual count is LOINC 3112-6 regardless of the number of cells counted. However, today it is most likely that these are done by automated methods (LOINC 17849-1), not manual methods.	Bld
1278	Heme-Bld Sed Rate							

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1279	30341-2	Erythrocyte sedimentation rate	Heme-Bld Sed Rate	245	mm/h	mm/h		Bld
1280	4537-7	Erythrocyte sedimentation rate by Westergren method	Heme-Bld Sed Rate	137	mm/h	mm/h	Most sedimentation rates will be Westegren's and reported under this LOINC code.	Bld
1281	Heme-Body Fluid Cell Count							
1282	28543-7	Basophils/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	1519	%	%		Body fld
1283	12179-8	Basophils/100 leukocytes in Body fluid by Manual count	Heme-Body Fluid Cell Count	447	%	%		Body fld
1284	13522-8	Blasts/100 leukocytes in Body fluid by Manual count	Heme-Body Fluid Cell Count	1012	%	%		Body fld
1285	20999-9	Cell Fractions/Differential [interpretation] in Body fluid	Heme-Body Fluid Cell Count	1444				Body fld
1286	38256-4	Cells Counted Total [#] in Body fluid	Heme-Body Fluid Cell Count	1480	{#}	#		Body fld
1287	19077-7	Cells identified in Body fluid	Heme-Body Fluid Cell Count	1381				Body fld
1288	6825-4	Crystals [type] in Body fluid by Light microscopy	Heme-Body Fluid Cell Count	1208				Body fld
1289	26452-3	Eosinophils/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	418	%	%		Body fld
1290	12209-3	Eosinophils/100 leukocytes in Body fluid by Manual count	Heme-Body Fluid Cell Count	1824	%	%		Body fld
1291	26455-6	Erythrocytes [#/volume] in Body fluid	Heme-Body Fluid Cell Count	435	{#}/uL	#/uL		Body fld
1292	23860-0	Erythrocytes [#/volume] in Body fluid by Automated count	Heme-Body Fluid Cell Count	1726	{#}/uL	#/uL		Body fld
1293	6741-3	Erythrocytes [#/volume] in Body fluid by Manual count	Heme-Body Fluid Cell Count	736	{#}/uL	#/uL		Body fld
1294	11153-4	Hematocrit [Volume Fraction] of Body fluid	Heme-Body Fluid Cell Count	733	%	%		Body fld
1295	26466-3	Leukocytes [#/volume] in Body fluid	Heme-Body Fluid Cell Count	708	{#}/uL	#/uL		Body fld
1296	57845-0	Leukocytes [#/volume] in Body fluid by Automated count	Heme-Body Fluid Cell Count	438	10*6/L	10*6/L		Body fld
1297	35051-2	Leukocytes other [#/volume] in Body fluid	Heme-Body Fluid Cell Count	1662	{#}/L	#/L		Body fld
1298	26473-9	Leukocytes other/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	676	%	%		Body fld
1299	13518-6	Lymphocytes Variant/100 leukocytes in Body fluid by Manual count	Heme-Body Fluid Cell Count	446	%	%		Body fld
1300	11031-2	Lymphocytes/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	370	%	%		Body fld
1301	13941-0	Lymphocytes/100 leukocytes in Body fluid by Manual count	Heme-Body Fluid Cell Count	1770	%	%		Body fld

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1302	30427-9	Macrophages/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	1318	%	%		Body fld
1303	12230-9	Macrophages/100 leukocytes in Body fluid by Manual count	Heme-Body Fluid Cell Count	975	%	%		Body fld
1304	12234-1	Mesothelial cells/100 leukocytes in Body fluid by Manual count	Heme-Body Fluid Cell Count	1214	%	%		Body fld
1305	26487-9	Monocytes/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	369	%	%		Body fld
1306	30437-8	Monocytes+Macrophages/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	1626	%	%		Body fld
1307	26510-8	Neutrophils.band form/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	432	%	%		Body fld
1308	26513-2	Neutrophils/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	954	%	%		Body fld
1309	12238-2	Neutrophils/100 leukocytes in Body fluid by Manual count	Heme-Body Fluid Cell Count	415	%	%		Body fld
1310	30457-6	Nonhematic cells/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	752	%	%		Body fld
1311	13530-1	Nucleated erythrocytes [#/volume] in Body fluid by Manual count	Heme-Body Fluid Cell Count	991	10*6/L	10*6/L		Body fld
1312	26518-1	Polymorphonuclear cells/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	1067	%	%		Body fld
1313	34985-2	Unidentified cells/100 leukocytes in Body fluid	Heme-Body Fluid Cell Count	753	%	%		Body fld
1314	Heme-CSF Cell Count							
1315	30374-3	Basophils/100 leukocytes in Cerebral spinal fluid	Heme-CSF Cell Count	1933	%	%		CSF
1316	13519-4	Basophils/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	903	%	%		CSF
1317	26447-3	Blasts/100 leukocytes in Cerebral spinal fluid	Heme-CSF Cell Count	1238	%	%		CSF
1318	19075-1	Cells Counted Total [#] in Cerebral spinal fluid	Heme-CSF Cell Count	980	{#}	#		CSF
1319	26451-5	Eosinophils/100 leukocytes in Cerebral spinal fluid	Heme-CSF Cell Count	1571	%	%		CSF
1320	12208-5	Eosinophils/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	900	%	%		CSF
1321	26454-9	Erythrocytes [#/volume] in Cerebral spinal fluid	Heme-CSF Cell Count	641	{#}/mL	#/mL		CSF
1322	792-2	Erythrocytes [#/volume] in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	778	{#}/uL	#/uL		CSF
1323	13508-7	Hematocrit [Volume Fraction] of Cerebral spinal fluid by Centrifugation	Heme-CSF Cell Count	911	%	%		CSF
1324	48035-0	Hemoglobin [Presence] in Cerebral spinal fluid	Heme-CSF Cell Count	853				CSF

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1325	806-0	Leukocytes [#/volume] in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	502	{#}/uL	#/uL		CSF
1326	26472-1	Leukocytes other/100 leukocytes in Cerebral spinal fluid	Heme-CSF Cell Count	910	%	%		CSF
1327	13517-8	Lymphocytes Variant/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	906	%	%		CSF
1328	26479-6	Lymphocytes/100 leukocytes in Cerebral spinal fluid	Heme-CSF Cell Count	1591	%	%		CSF
1329	10328-3	Lymphocytes/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	664	%	%		CSF
1330	12229-1	Macrophages/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	1732	%	%		CSF
1331	26486-1	Monocytes/100 leukocytes in Cerebral spinal fluid	Heme-CSF Cell Count	888	%	%		CSF
1332	10329-1	Monocytes/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	909	%	%		CSF
1333	26509-0	Neutrophils.band form/100 leukocytes in Cerebral spinal fluid	Heme-CSF Cell Count	1823	%	%		CSF
1334	12278-8	Neutrophils.band form/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	901	%	%		CSF
1335	26512-4	Neutrophils/100 leukocytes in Cerebral spinal fluid	Heme-CSF Cell Count	1182	%	%		CSF
1336	13516-0	Neutrophils/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	831	%	%		CSF
1337	13525-1	Nonhematic cells/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	913	%	%		CSF
1338	13529-3	Nucleated erythrocytes [#/volume] in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	908	{#}/uL	#/uL		CSF
1339	26517-3	Polymorphonuclear cells/100 leukocytes in Cerebral spinal fluid	Heme-CSF Cell Count	1702	%	%		CSF
1340	13527-7	Unidentified cells/100 leukocytes in Cerebral spinal fluid by Manual count	Heme-CSF Cell Count	873	%	%		CSF
1341	Heme-Hemoglobinopathies							
1342	4546-8	Hemoglobin A/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	506	%	%		Bld
1343	4547-6	Hemoglobin A1/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	836	%	%		Bld
1344	35127-0	Hemoglobin A2.prime/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	1333	%	%	Hb A2 prime is characterized by a single substitution of glycine with arginine.	Bld
1345	4551-8	Hemoglobin A2/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	1545	%	%		Bld

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1346	34660-1	Hemoglobin A2/Hemoglobin.total in Blood by Chromatography column	Heme-Hemoglobinopathies	640	%	%		Bld
1347	4552-6	Hemoglobin A2/Hemoglobin.total in Blood by Electrophoresis	Heme-Hemoglobinopathies	723	%	%		Bld
1348	31156-3	Hemoglobin Barts/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	1334	%	%		Bld
1349	4563-3	Hemoglobin C/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	540	%	%		Bld
1350	4569-0	Hemoglobin D/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	1335	%	%		Bld
1351	4575-7	Hemoglobin E/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	1330	%	%		Bld
1352	32140-6	Hemoglobin F [Presence] in Blood by Kleihauer-Betke method	Heme-Hemoglobinopathies	984				Bld
1353	4576-5	Hemoglobin F/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	508	%	%		Bld
1354	4633-4	Hemoglobin F/Hemoglobin.total in Blood by Kleihauer-Betke method	Heme-Hemoglobinopathies	1616	%	%		Bld
1355	33593-5	Hemoglobin G - Coushatta/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	1336	%	%		Bld
1356	35125-4	Hemoglobin Lepore/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	1337	%	%		Bld
1357	35126-2	Hemoglobin O - Arab/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	1338	%	%		Bld
1358	12710-0	Hemoglobin pattern [interpretation] in Blood	Heme-Hemoglobinopathies	617				Bld
1359	13514-5	Hemoglobin pattern [interpretation] in Blood by Electrophoresis Narrative	Heme-Hemoglobinopathies	784				Bld
1360	42247-7	Hemoglobin pattern [interpretation] in Blood by HPLC Narrative	Heme-Hemoglobinopathies	732				Bld

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1361	4621-9	Hemoglobin S [Presence] in Blood	Heme-Hemoglobinopathies	1199			The solubility test is the standard method for detecting hemoglobin S, so consider using LOINC 6864-3.	Bld
1362	6864-3	Hemoglobin S [Presence] in Blood by Solubility test	Heme-Hemoglobinopathies	448			The solubility test is the standard method for detecting hemoglobin S.	Bld
1363	4625-0	Hemoglobin S/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	518	%	%		Bld
1364	24469-9	Hemoglobin XXX/Hemoglobin.total in Blood by Electrophoresis	Heme-Hemoglobinopathies	1246	%	%		Bld
1365	48343-8	Hemoglobin.other/Hemoglobin.total in Blood	Heme-Hemoglobinopathies	1110	%	%		Bld
1366	Heme-Pleural Fluid Cell Count							
1367	808-6	Leukocytes [#/volume] in Pleural fluid by Manual count	Heme-Pleural Fluid Cell Count	1658	10*3/uL	10*3/uL		Plr fld
1368	Heme-Stool Cell Count							
1369	48049-1	Eosinophils [Presence] in Stool by Wright stain	Heme-Stool Cell Count	1620				Stool
1370	13349-6	Leukocytes [#/volume] in Stool by Manual count	Heme-Stool Cell Count	1604	{#}/mL	#/mL		Stool
1371	13655-6	Leukocytes [Presence] in Stool by Light microscopy	Heme-Stool Cell Count	376				Stool
1372	48050-9	Neutrophils [Presence] in Stool by Wright stain	Heme-Stool Cell Count	1312				Stool
1373	Heme-Syn Fluid Cell Count							
1374	32164-6	Cells [#/volume] in Synovial fluid by Manual count	Heme-Syn Fluid Cell Count	1577	{#}/uL	#/uL		Synv fld
1375	5781-0	Crystals [type] in Synovial fluid by Light microscopy	Heme-Syn Fluid Cell Count	1135				Synv fld
1376	26458-0	Erythrocytes [#/volume] in Synovial fluid	Heme-Syn Fluid Cell Count	1415	{#}/uL	#/uL		Synv fld
1377	Heme-XXX Cell Count							
1378	19076-9	Cells Counted Total [#] in Unspecified specimen	Heme-XXX Cell Count	1068	{#}	#		XXX
1379	20473-5	Polymorphonuclear cells [Presence] in Unspecified specimen by Wright stain	Heme-XXX Cell Count	1506				XXX
1380	HLA							
1381	4821-5	HLA-B27 [Presence]	HLA	1617				Bld

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1382	26043-0	HLA-B27 [Presence] by Probe & target amplification method	HLA	1136				Bld
1383	46994-0	HLA-A+B+C (class I) Ab in Serum	HLA	1095	%	%		Ser
1384	46995-7	HLA-DP+DQ+DR (class II) Ab in Serum	HLA	1094	%	%	Transplant test	Ser
1385	Micro							
1386	42176-8	1,3 beta glucan [Mass/volume] in Serum	Micro	979	ng/mL	ng/mL	Used to assist Dx of invasive fungal infection	Any
1387	5834-7	Adenovirus Ag [Presence] in Unspecified specimen by Immunofluorescence	Micro	1600				Any
1388	23877-4	Anaplasma phagocytophilum IgG Ab [Titer] in Serum by Immunofluorescence	Micro	1215	{titer}	titer		Any
1389	23878-2	Anaplasma phagocytophilum IgM Ab [Titer] in Serum by Immunofluorescence	Micro	1226	{titer}	titer		Any
1390	9490-4	Aspergillus flavus Ab [Presence] in Serum	Micro	1237				Any
1391	9632-1	Aspergillus fumigatus Ab [Presence] in Serum	Micro	1676				Any
1392	22086-3	Aspergillus niger Ab [Presence] in Serum	Micro	1370				Any
1393	5052-6	Aspergillus sp Ab [Presence] in Serum by Immune diffusion (ID)	Micro	1743				Any
1394	5053-4	Aspergillus sp Ab [Titer] in Serum by Complement fixation	Micro	1174	{titer}	titer		Any
1395	16117-4	Babesia microti IgG Ab [Titer] in Serum	Micro	1558	{titer}	titer		Any
1396	16118-2	Babesia microti IgM Ab [Titer] in Serum	Micro	1573	{titer}	titer		Any
1397	41477-1	Bacterial sialidase [Presence] in Unspecified specimen	Micro	668				Any
1398	22110-1	Bartonella henselae IgG Ab [Titer] in Serum	Micro	1643	{titer}	titer		Any
1399	22111-9	Bartonella henselae IgM Ab [Titer] in Serum	Micro	1749	{titer}	titer		Any
1400	9360-9	Bartonella quintana IgG Ab [Titer] in Serum	Micro	1872	{titer}	titer		Any
1401	9361-7	Bartonella quintana IgM Ab [Titer] in Serum	Micro	1882	{titer}	titer		Any
1402	20423-0	Beta lactamase organism identified in Isolate	Micro	1115				Any
1403	41479-7	BK virus DNA [#/volume] (viral load) in Serum or Plasma by Probe & target amplification method	Micro	1482	{copies}/uL	copies/uL		Any
1404	41480-5	BK virus DNA [#/volume] (viral load) in Urine by Probe & target amplification method	Micro	1706	{copies}/uL	copies/uL		Any
1405	32284-2	BK virus DNA [Units/volume] (viral load) in Serum or Plasma by Probe & target amplification method	Micro	1714	{copies}/uL	copies/uL		Any
1406	7816-2	Blastomyces dermatitidis Ab [Presence] in Serum	Micro	1529				Any
1407	5057-5	Blastomyces dermatitidis Ab [Titer] in Serum by Complement fixation	Micro	1273	{titer}	titer		Any
1408	550-4	Bordetella pertussis Ag [Presence] in Unspecified specimen by Immunofluorescence	Micro	1820				Any
1409	9594-3	Borrelia burgdorferi 45kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro	572				Any
1410	4991-6	Borrelia burgdorferi DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	1877				Any
1411	46248-1	Borrelia burgdorferi IgG & IgM [interpretation] in Serum by Immunoassay	Micro	999				Any
1412	7817-0	Borrelia burgdorferi IgG Ab [Units/volume] in Serum	Micro	1967	{index}	index		Any

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1413	5062-5	Borrelia burgdorferi IgG Ab [Units/volume] in Serum by Immunoassay	Micro	1968	[arb'U]/mL	arb'U/mL		Any
1414	41279-1	Borrelia burgdorferi IgG Ab/IgM Ab [Ratio] in Serum	Micro	1586	{index}	index		Any
1415	22131-7	Borrelia burgdorferi IgG+IgM Ab [Presence] in Serum	Micro	940				Any
1416	34148-7	Borrelia burgdorferi IgG+IgM Ab [Units/volume] in Serum	Micro	410	{index}	index		Any
1417	5064-1	Borrelia burgdorferi IgM Ab [Units/volume] in Serum by Immunoassay	Micro	528	{index}	index	Test only done by immuno assay	Any
1418	35270-8	Candida sp Ab [Presence] in Serum by Immune diffusion (ID)	Micro	1484				Any
1419	47000-5	Candida sp rRNA [Presence] in Vaginal fluid by DNA probe	Micro	580				Any
1420	21190-4	Chlamydia trachomatis DNA [Presence] in Cervix by Probe & target amplification method	Micro	751				Any
1421	21613-5	Chlamydia trachomatis DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	180				Any
1422	6357-8	Chlamydia trachomatis DNA [Presence] in Urine by Probe & target amplification method	Micro	726				Any
1423	50387-0	Chlamydia trachomatis rRNA [Presence] in Cervix by Probe & target amplification method	Micro	277				Any
1424	4993-2	Chlamydia trachomatis rRNA [Presence] in Unspecified specimen by DNA probe	Micro	620				Any
1425	43304-5	Chlamydia trachomatis rRNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	254				Any
1426	53925-4	Chlamydia trachomatis rRNA [Presence] in Urethra by Probe & target amplification method	Micro	242				Any
1427	42931-6	Chlamydia trachomatis rRNA [Presence] in Urine by Probe & target amplification method	Micro	298				Any
1428	36903-3	Chlamydia trachomatis+Neisseria gonorrhoeae DNA [Identifier] in Unspecified specimen by Probe & target amplification method	Micro	327				Any
1429	34712-0	Clostridium difficile [Presence] in Stool	Micro	1120				Any
1430	20761-3	Clostridium difficile [Presence] in Stool by Agglutination	Micro	492				Any
1431	34713-8	Clostridium difficile toxin A+B [Presence] in Stool	Micro	431				Any
1432	34468-9	Clostridium difficile toxin A+B [Presence] in Stool by Immunoassay	Micro	703				Any
1433	22203-4	Clostridium tetani IgG Ab [Units/volume] in Serum	Micro	1618	{index}	index		Any
1434	6367-7	Clostridium tetani IgG Ab [Units/volume] in Serum by Immunoassay	Micro	1705	{index}	index		Any
1435	32764-3	Clue cells [Presence] in Unspecified specimen by Wet preparation	Micro	731				Any
1436	5095-5	Coccidioides immitis Ab [Presence] in Serum by Immune diffusion (ID)	Micro	1073				Any
1437	5096-3	Coccidioides immitis Ab [Titer] in Serum by Complement fixation	Micro	1741	{titer}	titer		Any

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1438	13947-7	Coccidioides immitis IgG Ab [Presence] in Serum by Immunoassay	Micro	1564				Any
1439	13948-5	Coccidioides immitis IgM Ab [Presence] in Serum by Immunoassay	Micro	1567				Any
1440	5116-9	Corynebacterium diphtheriae Ab [Units/volume] in Serum by Immunoassay	Micro	1849	{index}	index		Any
1441	13227-4	Corynebacterium diphtheriae IgG Ab [Units/volume] in Serum	Micro	1712	{index}	index		Any
1442	58787-3	Corynebacterium diphtheriae IgG Ab [Units/volume] in Serum by Immunoassay	Micro	1713	{index}	index		Any
1443	38390-1	Cryptococcus neoformans Ag [Presence] in Cerebral spinal fluid	Micro	1707				Any
1444	5119-3	Cryptococcus neoformans Ag [Titer] in Serum by Latex agglutination	Micro	1432	{titer}	titer		Any
1445	41487-0	Cryptosporidium parvum Ag [Presence] in Stool by Immunoassay	Micro	1772				Any
1446	20781-1	Cryptosporidium sp [Presence] in Stool by Acid fast stain	Micro	1899				Any
1447	31797-4	Cytomegalovirus Ag [Presence] in Unspecified specimen	Micro	1300				Any
1448	6379-2	Cytomegalovirus Ag [Presence] in Unspecified specimen by Immunoassay	Micro	1301				Any
1449	30247-1	Cytomegalovirus DNA [#/volume] (viral load) in Serum or Plasma by Probe & target amplification method	Micro	1490	{copies}/mL	copies/mL		Any
1450	33006-8	Cytomegalovirus DNA [#/volume] (viral load) in Unspecified specimen by Probe & target amplification method	Micro	1006	{copies}/mL	copies/mL		Any
1451	28008-1	Cytomegalovirus DNA [Presence] in Blood by Probe & signal amplification method	Micro	915				Any
1452	5000-5	Cytomegalovirus DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	1687				Any
1453	20475-0	Cytomegalovirus IgG Ab [interpretation] in Serum	Micro	1004				Any
1454	5124-3	Cytomegalovirus IgG Ab [Units/volume] in Serum by Immunoassay	Micro	673	{index}	index		Any
1455	24119-0	Cytomegalovirus IgM Ab [Presence] in Serum by Immunoassay	Micro	1561				Any
1456	49539-0	Cytomegalovirus IgM Ab [Presence] in Serum by Immunofluorescence	Micro	1158				Any
1457	5127-6	Cytomegalovirus IgM Ab [Titer] in Serum by Immunofluorescence	Micro	1160	{titer}	titer		Any
1458	5126-8	Cytomegalovirus IgM Ab [Units/volume] in Serum by Immunoassay	Micro	968	{index}	index		Any
1459	9783-2	Ehrlichia chaffeensis IgG Ab [Titer] in Serum	Micro	1194	{titer}	titer		Any
1460	9784-0	Ehrlichia chaffeensis IgM Ab [Titer] in Serum	Micro	1222	{titer}	titer		Any
1461	29591-5	Enterovirus RNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	1922				Any
1462	30339-6	Epstein Barr virus capsid IgG Ab [Presence] in Serum	Micro	1304				Any

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1463	24114-1	Epstein Barr virus capsid IgG Ab [Presence] in Serum by Immunoassay	Micro	1305				Any
1464	40750-2	Epstein Barr virus capsid IgG Ab [Presence] in Serum by Immunofluorescence	Micro	1023				Any
1465	5158-1	Epstein Barr virus capsid IgG Ab [Titer] in Serum by Immunofluorescence	Micro	1055	{titer}	titer		Any
1466	7885-7	Epstein Barr virus capsid IgG Ab [Units/volume] in Serum	Micro	606	{index}	index		Any
1467	5157-3	Epstein Barr virus capsid IgG Ab [Units/volume] in Serum by Immunoassay	Micro	607				Any
1468	30340-4	Epstein Barr virus capsid IgM Ab [Presence] in Serum	Micro	1283				Any
1469	24115-8	Epstein Barr virus capsid IgM Ab [Presence] in Serum by Immunoassay	Micro	1284				Any
1470	5160-7	Epstein Barr virus capsid IgM Ab [Titer] in Serum by Immunofluorescence	Micro	1111	{titer}	titer		Any
1471	7886-5	Epstein Barr virus capsid IgM Ab [Units/volume] in Serum	Micro	603	{titer}	titer		Any
1472	5159-9	Epstein Barr virus capsid IgM Ab [Units/volume] in Serum by Immunoassay	Micro	604	{index}	index		Any
1473	32585-2	Epstein Barr virus DNA [#/volume] (viral load) in Unspecified specimen by Probe & target amplification method	Micro	1467	{copies}/mL	copies/mL		Any
1474	5005-4	Epstein Barr virus DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	1832				Any
1475	14083-0	Epstein Barr virus early Ab [Titer] in Serum by Immunofluorescence	Micro	1584	{titer}	titer		Any
1476	40752-8	Epstein Barr virus early IgG Ab [Presence] in Serum by Immunoassay	Micro	714				Any
1477	56598-6	Epstein Barr virus early IgM Ab [Units/volume] in Serum by Immunoassay	Micro	250				Any
1478	22296-8	Epstein Barr virus nuclear Ab [Presence] in Serum	Micro	1436				Any
1479	22297-6	Epstein Barr virus nuclear Ab [Titer] in Serum	Micro	1540	{titer}	titer		Any
1480	21260-5	Epstein Barr virus nuclear Ab [Titer] in Serum by Immunofluorescence	Micro	1483	{titer}	titer		Any
1481	7883-2	Epstein Barr virus nuclear IgG Ab [Presence] in Serum	Micro	1587				Any
1482	5156-5	Epstein Barr virus nuclear IgG Ab [Presence] in Serum by Immunoassay	Micro	2013				Any
1483	31374-2	Epstein Barr virus nuclear IgG Ab [Units/volume] in Serum	Micro	698	{index}	index		Any
1484	30083-0	Epstein Barr virus nuclear IgG Ab [Units/volume] in Serum by Immunoassay	Micro	699	[IU]/mL	IU/mL		Any
1485	21262-1	Escherichia coli shiga-like [Presence] in Stool by Immunoassay	Micro	589				Any
1486	21003-9	Fungus identified in Unspecified specimen by Fungus stain	Micro	825				Any
1487	35383-9	Galactomannan Ag [Units/volume] in Serum or Plasma	Micro	961	{index}	index	Used to diagnose invasive aspergillosis.	Any

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1488	44357-2	Galactomannan Ag [Units/volume] in Serum or Plasma by Immunoassay	Micro	582	{index}	index		Any
1489	6410-5	Gardnerella vaginalis rRNA [Presence] in Genital specimen by DNA probe	Micro	583				Any
1490	6412-1	Giardia lamblia Ag [Presence] in Stool by Immunoassay	Micro	819				Any
1491	29559-2	Haemophilus ducreyi DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	1938				Any
1492	29891-9	Helicobacter pylori [Presence] in Stomach by urea breath test	Micro	494				Any
1493	22310-7	Helicobacter pylori Ab [Presence] in Serum	Micro	1078				Any
1494	7900-4	Helicobacter pylori Ab [Units/volume] in Serum	Micro	737	{index}	index		Any
1495	31843-6	Helicobacter pylori Ag [Presence] in Stool	Micro	1708				Any
1496	17780-8	Helicobacter pylori Ag [Presence] in Stool by Immunoassay	Micro	949				Any
1497	7901-2	Helicobacter pylori IgA Ab [Units/volume] in Serum	Micro	1811				Any
1498	6420-4	Helicobacter pylori IgA Ab [Units/volume] in Serum by Immunoassay	Micro	599	{index}	index		Any
1499	16126-5	Helicobacter pylori IgG Ab [Presence] in Serum	Micro	1029				Any
1500	17859-0	Helicobacter pylori IgG Ab [Presence] in Serum by Immunoassay	Micro	747				Any
1501	7902-0	Helicobacter pylori IgG Ab [Units/volume] in Serum	Micro	1521				Any
1502	5176-3	Helicobacter pylori IgG Ab [Units/volume] in Serum by Immunoassay	Micro	439	{index}	index		Any
1503	5177-1	Helicobacter pylori IgM Ab [Units/volume] in Serum by Immunoassay	Micro	830	{index}	index		Any
1504	13951-9	Hepatitis A virus Ab [Presence] in Serum by Immunoassay	Micro	558				Any
1505	5183-9	Hepatitis A virus Ab [Units/volume] in Serum by Immunoassay	Micro	1176	{index}	index		Any
1506	22314-9	Hepatitis A virus IgM Ab [Presence] in Serum	Micro	724				Any
1507	13950-1	Hepatitis A virus IgM Ab [Presence] in Serum by Immunoassay	Micro	319				Any
1508	22315-6	Hepatitis A virus IgM Ab [Units/volume] in Serum	Micro	1803				Any
1509	5181-3	Hepatitis A virus IgM Ab [Units/volume] in Serum by Immunoassay	Micro	1085	{index}	index		Any
1510	13952-7	Hepatitis B virus core Ab [Presence] in Serum by Immunoassay	Micro	478				Any
1511	47440-3	Hepatitis B virus core Ab [Presence] in Serum from donor	Micro	1671				Any
1512	5187-0	Hepatitis B virus core Ab [Units/volume] in Serum by Immunoassay	Micro	989	{index}	index		Any
1513	31204-1	Hepatitis B virus core IgM Ab [Presence] in Serum	Micro	782				Any
1514	24113-3	Hepatitis B virus core IgM Ab [Presence] in Serum by Immunoassay	Micro	353				Any
1515	5185-4	Hepatitis B virus core IgM Ab [Units/volume] in Serum by Immunoassay	Micro	660	{index}	index		Any
1516	29615-2	Hepatitis B virus DNA [#/volume] (viral load) in Serum or Plasma by Probe & target amplification method	Micro	1112	{copies}/mL	copies/mL		Any
1517	11258-1	Hepatitis B virus DNA [Units/volume] in Serum	Micro	1030	[IU]/mL	IU/mL		Any

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1518	13953-5	Hepatitis B virus e Ab [Presence] in Serum by Immunoassay	Micro	787				Any
1519	31844-4	Hepatitis B virus e Ag [Presence] in Serum	Micro	1108				Any
1520	13954-3	Hepatitis B virus e Ag [Presence] in Serum by Immunoassay	Micro	804				Any
1521	5191-2	Hepatitis B virus e Ag [Units/volume] in Serum by Immunoassay	Micro	1414	[IU]/mL	IU/mL		Any
1522	22322-2	Hepatitis B virus surface Ab [Presence] in Serum	Micro	375				Any
1523	10900-9	Hepatitis B virus surface Ab [Presence] in Serum by Immunoassay	Micro	810				Any
1524	16935-9	Hepatitis B virus surface Ab [Units/volume] in Serum	Micro	511	m[IU]/mL	mIU/mL		Any
1525	5193-8	Hepatitis B virus surface Ab [Units/volume] in Serum by Immunoassay	Micro	512	m[IU]/mL	mIU/mL		Any
1526	5194-6	Hepatitis B virus surface Ab [Units/volume] in Serum by Radioimmunoassay (RIA)	Micro	335	{index}	index		Any
1527	5195-3	Hepatitis B virus surface Ag [Presence] in Serum	Micro	226				Any
1528	65633-0	Hepatitis B virus surface Ag [Presence] in Serum by Confirmatory method	Micro	483			All of the major laboratories whose web sites we explored perform a confirmatory test to verify positive results on their routine HBS Ag EIA test. Some indicate that the confirmatory test requires an extra charge, some do not. We believe that at present (2011) the confirmatory test is usually a neutralization test. But only one lab that we reviewed specified the method as such. This term covers all confirmatory methods and will not require changing if/when confirmatory mehtods change.	Any
1529	5196-1	Hepatitis B virus surface Ag [Presence] in Serum by Immunoassay	Micro	210				Any
1530	7905-3	Hepatitis B virus surface Ag [Presence] in Serum by Neutralization test	Micro	1424				Any
1531	47364-5	Hepatitis B virus surface Ag [Presence] in Serum from donor by Immunoassay	Micro	1679				Any
1532	23870-9	Hepatitis C virus 100+5-1-1 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1873				Any
1533	9609-9	Hepatitis C virus 22-3 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1723				Any
1534	16128-1	Hepatitis C virus Ab [Presence] in Serum	Micro	440				Any
1535	13955-0	Hepatitis C virus Ab [Presence] in Serum by Immunoassay	Micro	395				Any
1536	5199-5	Hepatitis C virus Ab [Presence] in Serum by Immunoblot (IB)	Micro	844				Any
1537	47441-1	Hepatitis C virus Ab [Presence] in Serum from donor	Micro	1684				Any
1538	5198-7	Hepatitis C virus Ab [Units/volume] in Serum by Immunoassay	Micro	239	{index_value}	index_value	NOTE: You may really want to map to LOINC 48159-8, signal to cut off ratio (S/CO), which is also included in this table.	Any

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1539	24011-9	Hepatitis C virus Ab band pattern [interpretation] in Serum by Immunoblot (IB)	Micro	988				Any
1540	51656-7	Hepatitis C virus Ab Signal/Cutoff [Ratio] in Body fluid	Micro	280	{ratio}	ratio		Any
1541	48159-8	Hepatitis C virus Ab Signal/Cutoff [Ratio] in Serum or Plasma by Immunoassay	Micro	322				Any
1542	49846-9	Hepatitis C virus Ag [Presence] in Blood or Marrow from donor	Micro	1675				Any
1543	9610-7	Hepatitis C virus c33c Ab [Presence] in Serum by Immunoblot (IB)	Micro	1722			Part of immune blot panel	Any
1544	32286-7	Hepatitis C virus genotype [Identifier] in Serum or Plasma by Probe & target amplification method	Micro	842				Any
1545	23871-7	Hepatitis C virus NS5 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1720			Part of immune blot panel	Any
1546	20416-4	Hepatitis C virus RNA [#/volume] (viral load) in Serum or Plasma by Probe & target amplification method	Micro	1769	{copies}/mL	copies/mL	Viral load	Any
1547	47252-2	Hepatitis C virus RNA [Log #/volume] (viral load) in Serum or Plasma by Probe & target amplification method	Micro	1771	{log_copies}/mL	log_copies/mL	Viral load	Any
1548	38180-6	Hepatitis C virus RNA [log units/volume] (viral load) in Serum or Plasma by Probe & target amplification method	Micro	741	{log IU}/mL	log IU/mL	Viral load	Any
1549	11259-9	Hepatitis C virus RNA [Presence] in Serum or Plasma by Probe & target amplification method	Micro	740				Any
1550	11011-4	Hepatitis C virus RNA [Units/volume] (viral load) in Serum or Plasma by Probe & target amplification method	Micro	531	k[IU]/mL	kIU/mL		Any
1551	22330-5	Hepatitis D virus Ab [Units/volume] in Serum	Micro	712				Any
1552	16130-7	Herpes simplex virus 1 DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	1420				Any
1553	17850-9	Herpes simplex virus 1 IgG Ab [Presence] in Serum	Micro	1106				Any
1554	51916-5	Herpes simplex virus 1 IgG Ab [Presence] in Serum by Immunoassay	Micro	1107				Any
1555	5206-8	Herpes simplex virus 1 IgG Ab [Units/volume] in Serum by Immunoassay	Micro	537	{index}	index		Any
1556	50758-2	Herpes simplex virus 1 IgM Ab [Titer] in Serum by Immunofluorescence	Micro	1913	{titer}	titer		Any
1557	20444-6	Herpes simplex virus 1+2 DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	792				Any
1558	27948-9	Herpes simplex virus 1+2 IgG Ab [Units/volume] in Serum by Immunoassay	Micro	863	{index}	index		Any
1559	41399-7	Herpes simplex virus 1+2 IgM Ab [Units/volume] in Serum by Immunoassay	Micro	808	{index}	index		Any
1560	16131-5	Herpes simplex virus 2 DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	803				Any
1561	17851-7	Herpes simplex virus 2 IgG Ab [Presence] in Serum	Micro	1097				Any
1562	43180-9	Herpes simplex virus 2 IgG Ab [Presence] in Serum by Immunoassay	Micro	1098				Any

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1563	5209-2	Herpes simplex virus 2 IgG Ab [Units/volume] in Serum by Immunoassay	Micro	452	{index}	index		Any
1564	26927-4	Herpes simplex virus 2 IgM Ab [Titer] in Serum by Immunofluorescence	Micro	1914	{titer}	titer		Any
1565	5202-7	Herpes simplex virus Ab [Units/volume] in Serum by Immunoassay	Micro	1621	{index}	index		Any
1566	20446-1	Herpes simplex virus IgG Ab [interpretation] in Serum by Immunoassay	Micro	1733				Any
1567	25435-9	Herpes simplex virus IgM Ab [Presence] in Serum	Micro	1737				Any
1568	40729-6	Herpes simplex virus IgM Ab [Presence] in Serum by Immunoassay	Micro	1997				Any
1569	31418-7	Heterophile Ab [Presence] in Serum	Micro	566				Any
1570	5213-4	Heterophile Ab [Presence] in Serum by Latex agglutination	Micro	855				Any
1571	5218-3	Histoplasma capsulatum Ab [Presence] in Serum by Immune diffusion (ID)	Micro	1103				Any
1572	19108-0	Histoplasma capsulatum Ag [Presence] in Serum	Micro	1063				Any
1573	44525-4	Histoplasma capsulatum Ag [Presence] in Serum by Immunoassay	Micro	1064				Any
1574	19107-2	Histoplasma capsulatum Ag [Units/volume] in Serum by Radioimmunoassay (RIA)	Micro	495	{index}	index		Any
1575	35732-7	Histoplasma capsulatum H Ab [Presence] in Serum by Immune diffusion (ID)	Micro	1507				Any
1576	44528-8	Histoplasma capsulatum M Ab [Presence] in Serum	Micro	1503				Any
1577	20573-2	Histoplasma capsulatum mycelial phase Ab [Titer] in Serum by Complement fixation	Micro	977	{titer}	titer		Any
1578	20574-0	Histoplasma capsulatum yeast phase Ab [Titer] in Serum by Complement fixation	Micro	1157	{titer}	titer		Any
1579	42768-2	HIV 1 & 2 Ab [interpretation] in Serum Narrative	Micro	1028				Any
1580	44607-0	HIV 1 [interpretation] in Serum by Immunoassay	Micro	1846				Any
1581	7917-8	HIV 1 Ab [Presence] in Serum	Micro	1611				Any
1582	29893-5	HIV 1 Ab [Presence] in Serum by Immunoassay	Micro	1177				Any
1583	5221-7	HIV 1 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1510				Any
1584	13499-9	HIV 1 Ab band pattern [interpretation] in Serum by Immunoblot (IB)	Micro	1353				Any
1585	24012-7	HIV 1 Ag [Presence] in Serum	Micro	785				Any
1586	5222-5	HIV 1 Ag [Presence] in Serum by Immunoassay	Micro	786				Any
1587	9661-0	HIV 1 gp120 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1249				Any
1588	9660-2	HIV 1 gp160 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1242				Any
1589	35452-2	HIV 1 gp40 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1440				Any
1590	9662-8	HIV 1 gp41 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1393				Any
1591	12859-5	HIV 1 p18 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1400				Any
1592	9664-4	HIV 1 p24 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1248				Any
1593	9666-9	HIV 1 p31 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1250				Any
1594	9667-7	HIV 1 p51 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1245				Any
1595	9668-5	HIV 1 p55 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1244				Any
1596	12856-1	HIV 1 p65 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1380				Any

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1597	20447-9	HIV 1 RNA [#/volume] (viral load) in Serum or Plasma by Probe & target amplification method	Micro	626	{copies}/mL	copies/mL	Viral load	Any
1598	25836-8	HIV 1 RNA [#/volume] (viral load) in Unspecified specimen by Probe & target amplification method	Micro	685	{copies}/mL	copies/mL	Viral load	Any
1599	24013-5	HIV 1 RNA [interpretation] in Serum	Micro	948				Any
1600	29539-4	HIV 1 RNA [Log #/volume] (viral load) in Plasma by Probe & signal amplification method	Micro	1774	{log_copies}/mL	log_copies/mL	Viral load	Any
1601	29541-0	HIV 1 RNA [Log #/volume] (viral load) in Plasma by Probe & target amplification method	Micro	654	{log_copies}/mL	log_copies/mL	Viral load	Any
1602	25835-0	HIV 1 RNA [Presence] in Serum or Plasma by Probe & target amplification method	Micro	1661				Any
1603	23876-6	HIV 1 RNA [Units/volume] (viral load) in Plasma by Probe & signal amplification method	Micro	1760	{copies}/mL	copies/mL	Viral load	Any
1604	7918-6	HIV 1+2 Ab [Presence] in Serum	Micro	442				Any
1605	31201-7	HIV 1+2 Ab [Presence] in Serum by Immunoassay	Micro	324				Any
1606	44533-8	HIV 1+2 Ab [Presence] in Serum from donor	Micro	1672				Any
1607	49580-4	HIV 1+2 Ab [Presence] in Unspecified specimen by Rapid test	Micro	1569				Any
1608	48345-3	HIV 1+O+2 Ab [Presence] in Serum or Plasma	Micro	202				Any
1609	48346-1	HIV 1+O+2 Ab [Units/volume] in Serum or Plasma	Micro	213				Any
1610	30361-0	HIV 2 Ab [Presence] in Serum by Immunoassay	Micro	1458				Any
1611	22362-8	HTLV 1+2 Ab [Presence] in Serum	Micro	1750				Any
1612	29901-6	HTLV 1+2 Ab [Presence] in Serum by Immunoassay	Micro	1642				Any
1613	16982-1	HTLV 1+2 Ab [Presence] in Serum by Immunoblot (IB)	Micro	1930				Any
1614	44538-7	HTLV 1+2 Ab [Presence] in Serum from donor	Micro	1673				Any
1615	30167-1	Human papilloma virus 16+18+31+33+35+39+45+51+52+56+58+59+68 DNA [Presence] in Cervix by Probe & signal amplification method	Micro	172				Any
1616	21440-3	Human papilloma virus 16+18+31+33+35+45+51+52+56 DNA [Presence] in Cervix by DNA probe	Micro	709				Any
1617	21441-1	Human papilloma virus 6+11+42+43+44 DNA [Presence] in Cervix by DNA probe	Micro	1293				Any
1618	42481-2	Human papilloma virus 6+11+42+43+44 DNA [Presence] in Cervix by Probe & signal amplification method	Micro	557				Any
1619	44547-8	Human papilloma virus DNA [Presence] in Unspecified specimen by Probe & signal amplification method	Micro	1518				Any
1620	48560-7	Human papilloma virus genotype [Identifier] in Unspecified specimen by Probe & target amplification method	Micro	1407				Any
1621	46082-4	Influenza virus A Ag [Presence] in Nasopharynx by Immunoassay	Micro	1201				Any
1622	5862-8	Influenza virus A Ag [Presence] in Unspecified specimen by Immunoassay	Micro	728				Any
1623	5863-6	Influenza virus A Ag [Presence] in Unspecified specimen by Immunofluorescence	Micro	1296				Any

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1624	24015-0	Influenza virus A+B Ag [Presence] in Unspecified specimen	Micro	1991				Any
1625	6437-8	Influenza virus A+B Ag [Presence] in Unspecified specimen by Immunoassay	Micro	1992				Any
1626	46083-2	Influenza virus B Ag [Presence] in Nasopharynx by Immunoassay	Micro	1202				Any
1627	5866-9	Influenza virus B Ag [Presence] in Unspecified specimen by Immunoassay	Micro	796				Any
1628	41499-5	Legionella pneumophila 1 Ag [Presence] in Urine by Immunoassay	Micro	1169				Any
1629	588-4	Legionella pneumophila Ag [Presence] in Unspecified specimen by Immunofluorescence	Micro	1360				Any
1630	6448-5	Legionella pneumophila Ag [Presence] in Urine by Radioimmunoassay (RIA)	Micro	1649				Any
1631	593-4	Legionella sp identified in Unspecified specimen by Organism specific culture	Micro	1154				Any
1632	12232-5	Measles virus Ag [Presence] in Unspecified specimen by Immunofluorescence	Micro	467				Any
1633	20479-2	Measles virus IgG Ab [Presence] in Serum	Micro	1133				Any
1634	35275-7	Measles virus IgG Ab [Presence] in Serum by Immunoassay	Micro	1134				Any
1635	5244-9	Measles virus IgG Ab [Units/volume] in Serum by Immunoassay	Micro	627	{index}	index		Any
1636	22415-4	Mumps virus IgG Ab [Presence] in Serum	Micro	1007				Any
1637	6476-6	Mumps virus IgG Ab [Presence] in Serum by Immunoassay	Micro	1008				Any
1638	7966-5	Mumps virus IgG Ab [Units/volume] in Serum	Micro	754	{index}	index		Any
1639	25418-5	Mumps virus IgG Ab [Units/volume] in Serum by Immunoassay	Micro	1789	{index}	index		Any
1640	42621-3	Mycoplasma hominis DNA [Presence] in Blood by Probe & target amplification method	Micro	1761				Any
1641	5255-5	Mycoplasma pneumoniae IgG Ab [Units/volume] in Serum by Immunoassay	Micro	1563	{index}	index		Any
1642	5256-3	Mycoplasma pneumoniae IgM Ab [Units/volume] in Serum by Immunoassay	Micro	1556	{index}	index		Any
1643	23301-5	Mycoplasma sp DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	1555				Any
1644	47387-6	Neisseria gonorrhoeae DNA [Presence] in Genital specimen by Probe & target amplification method	Micro	1608				Any
1645	24111-7	Neisseria gonorrhoeae DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	178				Any
1646	21416-3	Neisseria gonorrhoeae DNA [Presence] in Urine by Probe & target amplification method	Micro	1560				Any
1647	32198-4	Neisseria gonorrhoeae rRNA [Presence] in Cervix by DNA probe	Micro	756				Any
1648	50388-8	Neisseria gonorrhoeae rRNA [Presence] in Cervix by Probe & target amplification method	Micro	278				Any

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1649	5028-6	Neisseria gonorrhoeae rRNA [Presence] in Unspecified specimen by DNA probe	Micro	497				Any
1650	43305-2	Neisseria gonorrhoeae rRNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	256				Any
1651	53927-0	Neisseria gonorrhoeae rRNA [Presence] in Urethra by Probe & target amplification method	Micro	232				Any
1652	60256-5	Neisseria gonorrhoeae rRNA [Presence] in Urine by Probe & target amplification method	Micro	233				Any
1653	10701-1	Ova+Parasites identified in Stool by Concentration	Micro	257				Any
1654	10704-5	Ova+Parasites identified in Stool by Light microscopy	Micro	659				Any
1655	5869-3	Parainfluenza virus 1 Ag [Presence] in Unspecified specimen by Immunofluorescence	Micro	1906				Any
1656	13327-2	Parainfluenza virus Ag [Presence] in Unspecified specimen by Immunofluorescence	Micro	1701				Any
1657	29675-6	Parvovirus B19 IgG Ab [Presence] in Serum	Micro	1744				Any
1658	29660-8	Parvovirus B19 IgG Ab [Presence] in Serum by Immunoassay	Micro	1745				Any
1659	25630-5	Parvovirus B19 IgG Ab [Titer] in Serum	Micro	1729	{titer}	titer		Any
1660	7983-0	Parvovirus B19 IgG Ab [Units/volume] in Serum	Micro	1457	{index}	index		Any
1661	5273-8	Parvovirus B19 IgG Ab [Units/volume] in Serum by Immunoassay	Micro	1014	{index}	index		Any
1662	7981-4	Parvovirus B19 IgM Ab [Presence] in Serum	Micro	1746				Any
1663	40658-7	Parvovirus B19 IgM Ab [Presence] in Serum by Immunoassay	Micro	1747				Any
1664	25631-3	Parvovirus B19 IgM Ab [Titer] in Serum	Micro	1462	{titer}	titer		Any
1665	7984-8	Parvovirus B19 IgM Ab [Units/volume] in Serum	Micro	1280	{index}	index		Any
1666	5274-6	Parvovirus B19 IgM Ab [Units/volume] in Serum by Immunoassay	Micro	1013	{index}	index		Any
1667	5290-2	Reagin Ab [Presence] in Cerebral spinal fluid by VDRL	Micro	1142				Any
1668	20507-0	Reagin Ab [Presence] in Serum by RPR	Micro	173				Any
1669	5292-8	Reagin Ab [Presence] in Serum by VDRL	Micro	1355				Any
1670	22463-4	Reagin Ab [Presence] in Serum from donor	Micro	1681				Any
1671	31147-2	Reagin Ab [Titer] in Serum by RPR	Micro	308	{titer}	titer		Any
1672	5876-8	Respiratory syncytial virus Ag [Presence] in Unspecified specimen by Immunoassay	Micro	881				Any
1673	5877-6	Respiratory syncytial virus Ag [Presence] in Unspecified specimen by Immunofluorescence	Micro	1674				Any
1674	41476-3	Rickettsia rickettsii IgG Ab [Presence] in Serum by Immunoassay	Micro	1548				Any
1675	41475-5	Rickettsia rickettsii IgM Ab [Presence] in Serum by Immunoassay	Micro	1559				Any
1676	5880-0	Rotavirus Ag [Presence] in Stool by Immunoassay	Micro	1185				Any
1677	22496-4	Rubella virus Ab [Presence] in Serum	Micro	749				Any
1678	5332-2	Rubella virus Ab [Presence] in Serum by Latex agglutination	Micro	720				Any
1679	20458-6	Rubella virus IgG Ab [interpretation] in Serum	Micro	1209				Any
1680	41763-4	Rubella virus IgG Ab [Titer] in Serum	Micro	1398	{titer}	titer		Any

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1681	8014-3	Rubella virus IgG Ab [Units/volume] in Serum	Micro	973	[IU]/mL	IU/mL		Any
1682	5334-8	Rubella virus IgG Ab [Units/volume] in Serum by Immunoassay	Micro	296	[IU]/mL	IU/mL		Any
1683	8015-0	Rubella virus IgM Ab [Units/volume] in Serum	Micro	1847	{index}	index		Any
1684	5335-5	Rubella virus IgM Ab [Units/volume] in Serum by Immunoassay	Micro	1961	{index}	index		Any
1685	22412-1	Saccharopolyspora rectivirgula Ab [Presence] in Serum	Micro	1901				Any
1686	14207-5	Streptococcal DNAse B [Titer] in Serum	Micro	1517	{titer}	titer		Any
1687	11266-4	Streptococcus agalactiae Ag [Presence] in Unspecified specimen	Micro	964				Any
1688	48683-7	Streptococcus agalactiae DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	1156				Any
1689	5034-4	Streptococcus agalactiae rRNA [Presence] in Unspecified specimen by DNA probe	Micro	959				Any
1690	27092-6	Streptococcus pneumoniae 1 IgG Ab [Mass/volume] in Serum	Micro	1394	ug/mL	ug/mL		Any
1691	27227-8	Streptococcus pneumoniae 1 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1395	ug/mL	ug/mL		Any
1692	27374-8	Streptococcus pneumoniae 12 IgG Ab [Mass/volume] in Serum	Micro	1402	ug/mL	ug/mL		Any
1693	40903-7	Streptococcus pneumoniae 12 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1403	ug/mL	ug/mL		Any
1694	27387-0	Streptococcus pneumoniae 14 IgG Ab [Mass/volume] in Serum	Micro	1259	ug/mL	ug/mL		Any
1695	27229-4	Streptococcus pneumoniae 14 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1260	ug/mL	ug/mL		Any
1696	27390-4	Streptococcus pneumoniae 19 IgG Ab [Mass/volume] in Serum	Micro	1324	ug/mL	ug/mL		Any
1697	27230-2	Streptococcus pneumoniae 19 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1325	ug/mL	ug/mL		Any
1698	27389-6	Streptococcus pneumoniae 23 IgG Ab [Mass/volume] in Serum	Micro	1326	ug/mL	ug/mL		Any
1699	27231-0	Streptococcus pneumoniae 23 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1327	ug/mL	ug/mL		Any
1700	27118-9	Streptococcus pneumoniae 26 IgG Ab [Mass/volume] in Serum	Micro	1378	ug/mL	ug/mL		Any
1701	40905-2	Streptococcus pneumoniae 26 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1379	ug/mL	ug/mL		Any
1702	27096-7	Streptococcus pneumoniae 3 IgG Ab [Mass/volume] in Serum	Micro	1382	ug/mL	ug/mL		Any
1703	27228-6	Streptococcus pneumoniae 3 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1383	ug/mL	ug/mL		Any
1704	27094-2	Streptococcus pneumoniae 4 IgG Ab [Mass/volume] in Serum	Micro	1328	ug/mL	ug/mL		Any
1705	40908-6	Streptococcus pneumoniae 4 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1329	ug/mL	ug/mL		Any

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1706	25296-5	Streptococcus pneumoniae 51 IgG Ab [Mass/volume] in Serum	Micro	1384	ug/mL	ug/mL		Any
1707	40911-0	Streptococcus pneumoniae 51 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1385	ug/mL	ug/mL		Any
1708	27395-3	Streptococcus pneumoniae 56 IgG Ab [Mass/volume] in Serum	Micro	1320	ng/mL	ng/mL		Any
1709	40913-6	Streptococcus pneumoniae 56 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1321	ng/mL	ng/mL		Any
1710	40974-8	Streptococcus pneumoniae 57 IgG Ab [Mass/volume] in Serum	Micro	1471	ug/mL	ug/mL		Any
1711	40915-1	Streptococcus pneumoniae 57 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1472	ug/mL	ug/mL		Any
1712	30153-1	Streptococcus pneumoniae 68 IgG Ab [Mass/volume] in Serum	Micro	1331	ug/mL	ug/mL		Any
1713	40926-8	Streptococcus pneumoniae 68 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1332	ug/mL	ug/mL		Any
1714	27113-0	Streptococcus pneumoniae 8 IgG Ab [Mass/volume] in Serum	Micro	1386	ug/mL	ug/mL		Any
1715	40920-1	Streptococcus pneumoniae 8 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1387	ug/mL	ug/mL		Any
1716	27392-0	Streptococcus pneumoniae 9 IgG Ab [Mass/volume] in Serum	Micro	1388	ug/mL	ug/mL		Any
1717	40923-5	Streptococcus pneumoniae 9 IgG Ab [Mass/volume] in Serum by Immunoassay	Micro	1389	ug/mL	ug/mL		Any
1718	18481-2	Streptococcus pyogenes Ag [Presence] in Throat	Micro	337				Any
1719	6556-5	Streptococcus pyogenes Ag [Presence] in Throat by Immunoassay	Micro	1051				Any
1720	5036-9	Streptococcus pyogenes rRNA [Presence] in Unspecified specimen by DNA probe	Micro	1470				Any
1721	22568-0	Streptolysin O Ab [Titer] in Serum	Micro	1851	{titer}	titer		Any
1722	5370-2	Streptolysin O Ab [Units/volume] in Serum	Micro	744	U/mL	U/mL		Any
1723	5388-4	Toxoplasma gondii IgG Ab [Units/volume] in Serum by Immunoassay	Micro	862	{index}	index		Any
1724	5390-0	Toxoplasma gondii IgM Ab [Units/volume] in Serum by Immunoassay	Micro	1130	{index}	index		Any
1725	22587-0	Treponema pallidum Ab [Presence] in Serum	Micro	962				Any
1726	24312-1	Treponema pallidum Ab [Presence] in Serum by Agglutination	Micro	1818				Any
1727	5393-4	Treponema pallidum Ab [Presence] in Serum by Immunofluorescence	Micro	1016				Any
1728	41163-7	Treponema pallidum DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	1841				Any
1729	6561-5	Treponema pallidum IgG Ab [Presence] in Serum	Micro	562				Any
1730	47238-1	Treponema pallidum IgG Ab [Presence] in Serum by Immunoassay	Micro	563				Any
1731	6565-6	Trichomonas vaginalis [Identifier] in Genital specimen by Wet preparation	Micro	824				Any

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1732	32766-8	Trichomonas vaginalis [Presence] in Unspecified specimen by Wet preparation	Micro	1421				Any
1733	6568-0	Trichomonas vaginalis rRNA [Presence] in Genital specimen by DNA probe	Micro	584				Any
1734	46154-1	Trichomonas vaginalis rRNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	725				Any
1735	32637-1	Urease [Presence] in Tissue	Micro	998			This is the gastric biopsy for urease production used to detect H Pylori	Any
1736	19162-7	Varicella zoster virus IgG Ab [Presence] in Serum	Micro	379			When done by immunoassay, use the more specific 15410-4 term.	Any
1737	15410-4	Varicella zoster virus IgG Ab [Presence] in Serum by Immunoassay	Micro	1468				Any
1738	8047-3	Varicella zoster virus IgG Ab [Units/volume] in Serum	Micro	1598			When done by immunoassay, use the more specific 5403-1 term.	Any
1739	5403-1	Varicella zoster virus IgG Ab [Units/volume] in Serum by Immunoassay	Micro	480	{index}	index		Any
1740	5404-9	Varicella zoster virus IgM Ab [Units/volume] in Serum by Immunoassay	Micro	941	{index}	index		Any
1741	35691-5	XXX microorganism DNA [Presence] in Unspecified specimen by Probe & target amplification method	Micro	279			Ideally, you should use a LOINC code that identifies a specific organism; use this term as last resort.	Any
1742	41222-1	Yeast [Presence] in Body fluid by Light microscopy	Micro	1149				Any
1743	32765-0	Yeast [Presence] in Unspecified specimen by Wet preparation	Micro	874				Any
1744	Micro-B Burgdorferi							
1745	9588-5	Borrelia burgdorferi 18kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	581				Ser
1746	9589-3	Borrelia burgdorferi 23kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	573				Ser
1747	9598-4	Borrelia burgdorferi 23kD IgM Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	577				Ser
1748	9590-1	Borrelia burgdorferi 28kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	571				Ser
1749	9591-9	Borrelia burgdorferi 30kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	574				Ser
1750	9592-7	Borrelia burgdorferi 39kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	575				Ser
1751	9599-2	Borrelia burgdorferi 39kD IgM Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	576				Ser
1752	9593-5	Borrelia burgdorferi 41kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	570				Ser
1753	9587-7	Borrelia burgdorferi 41kD IgM Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	552				Ser
1754	9595-0	Borrelia burgdorferi 58kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	578				Ser

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1755	9596-8	Borrelia burgdorferi 66kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	579				Ser
1756	9597-6	Borrelia burgdorferi 93kD IgG Ab [Presence] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	565				Ser
1757	9586-9	Borrelia burgdorferi Ab [interpretation] in Serum	Micro-B Burgdorferi	1033				Ser
1758	11006-4	Borrelia burgdorferi Ab [Presence] in Serum	Micro-B Burgdorferi	533				Ser
1759	20449-5	Borrelia burgdorferi Ab [Presence] in Serum by Immunoassay	Micro-B Burgdorferi	1441				Ser
1760	13502-0	Borrelia burgdorferi Ab.IgG band pattern [interpretation] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	559				Ser
1761	13503-8	Borrelia burgdorferi Ab.IgM band pattern [interpretation] in Serum by Immunoblot (IB)	Micro-B Burgdorferi	542				Ser
1762	Micro-Stain Culture							
1763	600-7	Bacteria identified in Blood by Culture	Micro-Stain Culture	131				Any
1764	610-6	Bacteria identified in Body fluid by Aerobe culture	Micro-Stain Culture	479				Any
1765	611-4	Bacteria identified in Body fluid by Culture	Micro-Stain Culture	1786				Any
1766	19126-2	Bacteria identified in Bone marrow by Aerobe culture	Micro-Stain Culture	1425				Any
1767	43441-5	Bacteria identified in Bronchoalveolar lavage by Aerobe culture	Micro-Stain Culture	1695				Any
1768	19128-8	Bacteria identified in Catheter tip by Culture	Micro-Stain Culture	946				Any
1769	606-4	Bacteria identified in Cerebral spinal fluid by Culture	Micro-Stain Culture	561				Any
1770	9822-8	Bacteria identified in Dialysis fluid by Culture	Micro-Stain Culture	982				Any
1771	609-8	Bacteria identified in Eye by Aerobe culture	Micro-Stain Culture	1593				Any
1772	10352-3	Bacteria identified in Genital specimen by Aerobe culture	Micro-Stain Culture	420				Any
1773	10353-1	Bacteria identified in Nose by Aerobe culture	Micro-Stain Culture	1512				Any
1774	6460-0	Bacteria identified in Sputum by Culture	Micro-Stain Culture	1768				Any
1775	624-7	Bacteria identified in Sputum by Respiratory culture	Micro-Stain Culture	275				Any
1776	625-4	Bacteria identified in Stool by Culture	Micro-Stain Culture	469				Any
1777	17898-8	Bacteria identified in Throat by Aerobe culture	Micro-Stain Culture	526				Any

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1778	626-2	Bacteria identified in Throat by Culture	Micro-Stain Culture	638				Any
1779	20474-3	Bacteria identified in Tissue by Biopsy culture	Micro-Stain Culture	1212				Any
1780	634-6	Bacteria identified in Unspecified specimen by Aerobe culture	Micro-Stain Culture	276				Any
1781	635-3	Bacteria identified in Unspecified specimen by Anaerobe culture	Micro-Stain Culture	333				Any
1782	21020-3	Bacteria identified in Unspecified specimen by Anaerobe+Aerobe culture	Micro-Stain Culture	1062				Any
1783	6463-4	Bacteria identified in Unspecified specimen by Culture	Micro-Stain Culture	39				Any
1784	630-4	Bacteria identified in Urine by Culture	Micro-Stain Culture	93				Any
1785	11261-5	Bacteria identified in Vaginal fluid by Aerobe culture	Micro-Stain Culture	1225				Any
1786	6462-6	Bacteria identified in Wound by Culture	Micro-Stain Culture	270				Any
1787	6331-3	Campylobacter sp identified in Stool by Organism specific culture	Micro-Stain Culture	588				Any
1788	560-3	Chlamydia sp identified in Unspecified specimen by Organism specific culture	Micro-Stain Culture	1542				Any
1789	6349-5	Chlamydia trachomatis [Presence] in Unspecified specimen by Organism specific culture	Micro-Stain Culture	1946				Any
1790	5838-8	Cytomegalovirus [Presence] in Unspecified specimen by Organism specific culture	Micro-Stain Culture	1817				Any
1791	17947-3	Fungus # 2 identified in Unspecified specimen by Culture	Micro-Stain Culture	845				Any
1792	17948-1	Fungus # 3 identified in Unspecified specimen by Culture	Micro-Stain Culture	843				Any
1793	17949-9	Fungus # 4 identified in Unspecified specimen by Culture	Micro-Stain Culture	846				Any
1794	601-5	Fungus identified in Blood by Culture	Micro-Stain Culture	1476				Any
1795	575-1	Fungus identified in Skin by Culture	Micro-Stain Culture	1437				Any
1796	580-1	Fungus identified in Unspecified specimen by Culture	Micro-Stain Culture	328			Use this term for Fungus #1	Any
1797	5859-4	Herpes simplex virus identified in Unspecified specimen by Organism specific culture	Micro-Stain Culture	678				Any
1798	6604-3	Influenza virus identified in Unspecified specimen by Organism specific culture	Micro-Stain Culture	1081				Any
1799	10853-0	Isospora belli [Presence] in Unspecified specimen by Acid fast stain.Kinyoun modified	Micro-Stain Culture	1905				Any
1800	10355-6	Microscopic observation [Identifier] in Bone marrow by Wright Giemsa stain	Micro-Stain Culture	1579				Any
1801	9785-7	Microscopic observation [Identifier] in Stool by Ova & Parasite Preparation	Micro-Stain Culture	1366				Any

	B	C	E	F	G	H	I	P
1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1802	6473-3	Microscopic observation [Identifier] in Tissue by Trichrome stain	Micro-Stain Culture	894				Any
1803	11545-1	Microscopic observation [Identifier] in Unspecified specimen by Acid fast stain	Micro-Stain Culture	893				Any
1804	655-1	Microscopic observation [Identifier] in Unspecified specimen by Acid fast stain.Kinyoun modified	Micro-Stain Culture	801				Any
1805	664-3	Microscopic observation [Identifier] in Unspecified specimen by Gram stain	Micro-Stain Culture	194				Any
1806	666-8	Microscopic observation [Identifier] in Unspecified specimen by India ink prep	Micro-Stain Culture	1825				Any
1807	667-6	Microscopic observation [Identifier] in Unspecified specimen by KOH preparation	Micro-Stain Culture	1031				Any
1808	673-4	Microscopic observation [Identifier] in Unspecified specimen by Ova & Parasite Preparation	Micro-Stain Culture	527				Any
1809	20431-3	Microscopic observation [Identifier] in Unspecified specimen by Smear	Micro-Stain Culture	1784				Any
1810	681-7	Microscopic observation [Identifier] in Unspecified specimen by Wright stain	Micro-Stain Culture	1034				Any
1811	533-0	Mycobacterium sp identified in Blood by Organism specific culture	Micro-Stain Culture	1870			TB Blood culture	Any
1812	543-9	Mycobacterium sp identified in Unspecified specimen by Organism specific culture	Micro-Stain Culture	425			TB culture in some specimen	Any
1813	15388-2	Mycoplasma hominis [Presence] in Unspecified specimen by Organism specific culture	Micro-Stain Culture	1718				Any
1814	698-1	Neisseria gonorrhoeae [Presence] in Unspecified specimen by Organism specific culture	Micro-Stain Culture	1609				Any
1815	43371-4	Salmonella sp/Shigella sp identified in Stool by Organism specific culture	Micro-Stain Culture	587				Any
1816	584-3	Streptococcus agalactiae [Presence] in Vaginal fluid by Organism specific culture	Micro-Stain Culture	429				Any
1817	546-2	Streptococcus.beta-hemolytic [Presence] in Throat by Organism specific culture	Micro-Stain Culture	521				Any
1818	547-0	Streptococcus.beta-hemolytic [Presence] in Unspecified specimen by Organism specific culture	Micro-Stain Culture	334				Any
1819	10728-4	Trichomonas sp identified in Genital specimen by Organism specific culture	Micro-Stain Culture	1522				Any
1820	17852-5	Ureaplasma urealyticum [Presence] in Unspecified specimen by Organism specific culture	Micro-Stain Culture	1716				Any
1821	6584-7	Virus identified in Unspecified specimen by Culture	Micro-Stain Culture	655				Any
1822	18482-0	Yeast [Presence] in Unspecified specimen by Organism specific culture	Micro-Stain Culture	1855				Any
1823	Misc							
1824	30525-0	Age	Misc	1575	a	a		^Patient
1825	21612-7	Age - Reported	Misc	670	a	a		^Patient
1826	21112-8	Birth date	Misc	1736				^Patient

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1827	49541-6	Fasting status [Presence] - Reported	Misc	507				^Patient
1828	42216-2	Reference lab name [Identifier]	Misc	687				Reference lab test
1829	49581-2	Reference lab test identifier and name [Identifier]	Misc	1639				Reference lab test
1830	19145-2	Reference lab test name	Misc	236				Reference lab test
1831	19146-0	Reference lab test results	Misc	104				Reference lab test
1832	45353-0	Date of analysis of unspecified specimen	Misc	776				XXX
1833	8251-1	Service comment	Misc	1514				XXX
1834	Molecular Pathology + Cyto Genetic							
1835	33773-3	Karyotype [Identifier] in Amniotic fluid Nominal	Molecular Pathology + Cyto Genetic	1161				Amnio fld
1836	21619-2	APOE gene mutations found [Identifier] in Blood or Tissue by Molecular genetics method Nominal	Molecular Pathology + Cyto Genetic	1404				Bld/Tiss
1837	38404-0	CFTR gene mutation analysis in Blood or Tissue by Molecular genetics method Narrative	Molecular Pathology + Cyto Genetic	1180				Bld/Tiss
1838	21654-9	CFTR gene mutations found [Identifier] in Blood or Tissue by Molecular genetics method Nominal	Molecular Pathology + Cyto Genetic	460				Bld/Tiss
1839	24476-4	F2 gene mutations found [Identifier] in Blood or Tissue by Molecular genetics method Nominal	Molecular Pathology + Cyto Genetic	1056				Bld/Tiss
1840	24475-6	F2 gene p.G20210A [Presence] in Blood or Tissue by Molecular genetics method	Molecular Pathology + Cyto Genetic	470				Bld/Tiss
1841	21667-1	F5 gene mutations found [Identifier] in Blood or Tissue by Molecular genetics method Nominal	Molecular Pathology + Cyto Genetic	428				Bld/Tiss
1842	36913-2	FMR1 gene mutation analysis in Blood or Tissue by Molecular genetics method Narrative	Molecular Pathology + Cyto Genetic	1531				Bld/Tiss
1843	21760-4	FRAXE gene CGG repeats [Presence] in Blood or Tissue by Molecular genetics method	Molecular Pathology + Cyto Genetic	1557				Bld/Tiss
1844	32632-2	HEXA gene mutations found [Identifier] in Blood or Tissue by Molecular genetics method Nominal	Molecular Pathology + Cyto Genetic	1739				Bld/Tiss
1845	34519-9	HFE gene mutation analysis in Blood or Tissue by Molecular genetics method Narrative	Molecular Pathology + Cyto Genetic	1375				Bld/Tiss

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1846	48577-1	HFE gene p.G845A [Presence] in Blood or Tissue by Molecular genetics method	Molecular Pathology + Cyto Genetic	1479				Bld/Tiss
1847	22070-7	HP gene mutations found [Identifier] in Blood or Tissue by Molecular genetics method Nominal	Molecular Pathology + Cyto Genetic	1878				Bld/Tiss
1848	43399-5	JAK2 gene p.V617F [Presence] in Blood or Tissue by Molecular genetics method	Molecular Pathology + Cyto Genetic	1692				Bld/Tiss
1849	29770-5	Karyotype [Identifier] in Blood or Tissue Nominal	Molecular Pathology + Cyto Genetic	790				Bld/Tiss
1850	38415-6	MTHFR gene mutation analysis in Blood or Tissue by Molecular genetics method Narrative	Molecular Pathology + Cyto Genetic	1347				Bld/Tiss
1851	21709-1	MTHFR gene mutations found [Identifier] in Blood or Tissue by Molecular genetics method Nominal	Molecular Pathology + Cyto Genetic	1341				Bld/Tiss
1852	28005-7	MTHFR gene p.C677T [Presence] in Blood or Tissue by Molecular genetics method	Molecular Pathology + Cyto Genetic	972				Bld/Tiss
1853	21821-4	t(9,22)(ABL1,BCR) Translocation [Presence] in Blood or Tissue by Molecular genetics method	Molecular Pathology + Cyto Genetic	1776				Bld/Tiss
1854	36922-3	TPMT gene mutation analysis in Blood or Tissue by Molecular genetics method Narrative	Molecular Pathology + Cyto Genetic	1635				Bld/Tiss
1855	33893-9	Karyotype [Identifier] in Bone marrow Nominal	Molecular Pathology + Cyto Genetic	1777				Bone mar
1856	Sero							
1857	20427-1	Acetylcholine receptor Ab [Moles/volume] in Serum	Sero	1543	nmol/L	nmol/L		Ser
1858	11034-6	Acetylcholine receptor binding Ab [Moles/volume] in Serum	Sero	1816	nmol/L	nmol/L		Ser
1859	30192-9	Acetylcholine receptor modulation Ab/Acetylcholine Ab.total in Serum	Sero	1944	%	%		Ser
1860	34661-9	Actin IgG Ab [Units/volume] in Serum or Plasma	Sero	1052	[arb'U]/mL	arb'U/mL		Ser
1861	21108-6	Beta 2 glycoprotein 1 IgA Ab [Units/volume] in Serum	Sero	1220	U/mL	U/mL		Ser
1862	44447-1	Beta 2 glycoprotein 1 IgA Ab [Units/volume] in Serum by Immunoassay	Sero	1221	U/mL	U/mL		Ser
1863	16135-6	Beta 2 glycoprotein 1 IgG Ab [Units/volume] in Serum	Sero	1151				Ser
1864	44448-9	Beta 2 glycoprotein 1 IgG Ab [Units/volume] in Serum by Immunoassay	Sero	1152				Ser
1865	16136-4	Beta 2 glycoprotein 1 IgM Ab [Units/volume] in Serum	Sero	1137				Ser
1866	44449-7	Beta 2 glycoprotein 1 IgM Ab [Units/volume] in Serum by Immunoassay	Sero	1138				Ser

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1867	53982-5	Centromere protein B Ab [Units/volume] in Serum	Sero	985				Ser
1868	51775-5	Chromatin Ab [Units/volume] in Serum or Plasma	Sero	986	[arb'U]	arb'U		Ser
1869	32218-0	Cyclic citrullinated peptide Ab [Units/volume] in Serum by Immunoassay	Sero	1131				Ser
1870	33935-8	Cyclic citrullinated peptide IgG Ab [Units/volume] in Serum	Sero	510				Ser
1871	11013-0	DNA double strand Ab [Titer] in Serum	Sero	1433	{titer}	titer		Ser
1872	5130-0	DNA double strand Ab [Units/volume] in Serum	Sero	400	[IU]/mL	IU/mL		Ser
1873	14708-2	Endomysium Ab [Titer] in Serum	Sero	1279	{titer}	titer		Ser
1874	10362-2	Endomysium IgA Ab [Presence] in Serum	Sero	547				Ser
1875	10863-9	Endomysium IgA Ab [Titer] in Serum	Sero	1349	{titer}	titer		Ser
1876	27038-9	Endomysium IgA Ab [Titer] in Serum by Immunofluorescence	Sero	976	{titer}	titer		Ser
1877	7893-1	Gliadin Ab [Units/volume] in Serum	Sero	1663			Distinguish this from gliadin peptide, also called deamidated gliadin, which has a different LOINC code.	Ser
1878	6924-5	Gliadin IgA Ab [Units/volume] in Serum	Sero	878			Distinguish this from gliadin peptide, also called deamidated gliadin, which has a different LOINC code.	Ser
1879	20495-8	Gliadin IgA Ab [Units/volume] in Serum by Immunoassay	Sero	694			Distinguish this from gliadin peptide, also called deamidated gliadin, which has a different LOINC code.	Ser
1880	5170-6	Gliadin IgG Ab [Units/volume] in Serum	Sero	1637			Distinguish this from gliadin peptide, also called deamidated gliadin, which has a different LOINC code.	Ser
1881	20496-6	Gliadin IgG Ab [Units/volume] in Serum by Immunoassay	Sero	653			Distinguish this from gliadin peptide, also called deamidated gliadin, which has a different LOINC code.	Ser
1882	13926-1	Glutamate decarboxylase 65 Ab [Units/volume] in Serum	Sero	1275	{index}	index		Ser
1883	8072-1	Insulin Ab [Units/volume] in Serum	Sero	1867	[arb'U]/mL	arb'U/mL		Ser
1884	31209-0	Islet cell 512 Ab [Units/volume] in Serum	Sero	1918	{index}	index		Ser
1885	5234-0	Jo-1 extractable nuclear Ab [Presence] in Serum by Immunoassay	Sero	1780				Ser
1886	11565-9	Jo-1 extractable nuclear Ab [Units/volume] in Serum	Sero	995	{index}	index		Ser
1887	32220-6	Liver kidney microsomal 1 Ab [Units/volume] in Serum	Sero	1880	{index}	index		Ser
1888	17284-1	Mitochondria Ab [Presence] in Serum by Immunofluorescence	Sero	1422				Ser
1889	5247-2	Mitochondria Ab [Titer] in Serum by Immunofluorescence	Sero	967	{titer}	titer		Ser
1890	14251-3	Mitochondria M2 IgG Ab [Units/volume] in Serum	Sero	1644				Ser
1891	6969-0	Myeloperoxidase Ab [Units/volume] in Serum	Sero	1036	{index}	index		Ser
1892	46266-3	Myeloperoxidase Ab [Units/volume] in Serum by Immunoassay	Sero	1132	{index}	index		Ser
1893	21023-7	Neutrophil cytoplasmic Ab [Titer] in Serum	Sero	1456	{titer}	titer		Ser
1894	29641-8	Neutrophil Cytoplasmic Ab atypical [Presence] in Serum by Immunofluorescence	Sero	958				Ser

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1	LOINC #	Long Common Name	Class Override	Rank	Example UCUM	Example UCUM Display	Comment	System Adjusted
1895	14277-8	Neutrophil cytoplasmic Ab.classic [Titer] in Serum by Immunofluorescence	Sero	1043	{titer}	titer		Ser
1896	32787-4	Neutrophil cytoplasmic Ab.perinuclear [Titer] in Serum	Sero	1463	{titer}	titer		Ser
1897	14278-6	Neutrophil cytoplasmic Ab.perinuclear [Titer] in Serum by Immunofluorescence	Sero	1044	{titer}	titer		Ser
1898	29967-7	Neutrophil cytoplasmic IgG Ab [Titer] in Serum by Immunofluorescence	Sero	770	{titer}	titer		Ser
1899	8061-4	Nuclear Ab [Presence] in Serum	Sero	208				Ser
1900	47383-5	Nuclear Ab [Presence] in Serum by Immunoassay	Sero	1546				Ser
1901	29953-7	Nuclear Ab [Titer] in Serum	Sero	890	{titer}	titer		Ser
1902	5048-4	Nuclear Ab [Titer] in Serum by Immunofluorescence	Sero	345	{titer}	titer		Ser
1903	27200-5	Nuclear Ab [Units/volume] in Serum	Sero	1987	[IU]/L	IU/L		Ser
1904	14611-8	Nuclear Ab pattern [interpretation] in Serum	Sero	343				Ser
1905	13068-2	Nuclear Ab pattern [interpretation] in Serum by Immunofluorescence	Sero	925				Ser
1906	20398-4	Nuclear Ab Pattern Homogenous [Titer] in Serum	Sero	1778	{titer}	titer		Ser
1907	20399-2	Nuclear Ab pattern.nucleolar [Titer] in Serum	Sero	513	{titer}	titer		Ser
1908	20401-6	Nuclear Ab pattern.speckled [Titer] in Serum	Sero	1869	{titer}	titer		Ser
1909	8087-9	Parietal cell Ab [Units/volume] in Serum	Sero	1757	{index}	index		Ser
1910	6968-2	Proteinase 3 Ab [Units/volume] in Serum	Sero	1027	{index}	index		Ser
1911	46267-1	Proteinase 3 Ab [Units/volume] in Serum by Immunoassay	Sero	1144	{index}	index		Ser
1912	33910-1	Rheumatoid factor [Presence] in Serum	Sero	981				Ser
1913	5297-7	Rheumatoid factor [Presence] in Serum by Latex agglutination	Sero	1192				Ser
1914	11572-5	Rheumatoid factor [Units/volume] in Serum	Sero	251	[IU]/mL	IU/mL		Ser
1915	15205-8	Rheumatoid factor [Units/volume] in Serum by Nephlometry	Sero	789				Ser
1916	8091-1	Ribonucleoprotein extractable nuclear Ab [Presence] in Serum	Sero	1148				Ser
1917	5301-7	Ribonucleoprotein extractable nuclear Ab [Presence] in Serum by Immunoassay	Sero	1193				Ser
1918	29374-6	Ribonucleoprotein extractable nuclear Ab [Units/volume] in Serum	Sero	590				Ser
1919	51928-0	Ribonucleoprotein extractable nuclear Ab [Units/volume] in Serum by Immunoassay	Sero	2014				Ser
1920	5348-8	SCL-70 extractable nuclear Ab [Presence] in Serum by Immunoassay	Sero	1171				Ser
1921	27416-7	SCL-70 extractable nuclear Ab [Units/volume] in Serum	Sero	823	{index}	index		Ser
1922	5352-0	Sjogrens syndrome-A extractable nuclear Ab [Presence] in Serum by Immune diffusion (ID)	Sero	1263				Ser
1923	5351-2	Sjogrens syndrome-A extractable nuclear Ab [Presence] in Serum by Immunoassay	Sero	818				Ser
1924	17792-3	Sjogrens syndrome-A extractable nuclear Ab [Units/volume] in Serum	Sero	567	{index}	index		Ser
1925	33569-5	Sjogrens syndrome-A extractable nuclear Ab [Units/volume] in Serum by Immunoassay	Sero	2015				Ser

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1926	5354-6	Sjogrens syndrome-B extractable nuclear Ab [Presence] in Serum by Immune diffusion (ID)	Sero	1258				Ser
1927	5353-8	Sjogrens syndrome-B extractable nuclear Ab [Presence] in Serum by Immunoassay	Sero	821				Ser
1928	17791-5	Sjogrens syndrome-B extractable nuclear Ab [Units/volume] in Serum	Sero	569	{index}	index		Ser
1929	45142-7	Sjogrens syndrome-B extractable nuclear Ab [Units/volume] in Serum by Immunoassay	Sero	2016				Ser
1930	5357-9	Smith extractable nuclear Ab [Presence] in Serum by Immune diffusion (ID)	Sero	1469				Ser
1931	5356-1	Smith extractable nuclear Ab [Presence] in Serum by Immunoassay	Sero	1190				Ser
1932	11090-8	Smith extractable nuclear Ab [Units/volume] in Serum	Sero	560	{index}	index		Ser
1933	43182-5	Smith extractable nuclear Ab [Units/volume] in Serum by Immunoassay	Sero	2017				Ser
1934	14252-1	Smooth muscle Ab [Presence] in Serum	Sero	1219				Ser
1935	8095-2	Smooth muscle Ab [Titer] in Serum	Sero	1239	{titer}	titer		Ser
1936	5358-7	Smooth muscle Ab [Titer] in Serum by Immunofluorescence	Sero	861	{titer}	titer		Ser
1937	15210-8	Thyroglobulin Ab [Presence] in Serum	Sero	951				Ser
1938	5381-9	Thyroglobulin Ab [Titer] in Serum by Latex agglutination	Sero	1657	{titer}	titer		Ser
1939	8098-6	Thyroglobulin Ab [Units/volume] in Serum or Plasma	Sero	416	[IU]/mL	IU/mL		Ser
1940	32786-6	Thyroperoxidase Ab [Titer] in Serum or Plasma	Sero	1613	{titer}	titer		Ser
1941	8099-4	Thyroperoxidase Ab [Units/volume] in Serum or Plasma	Sero	344	[IU]/mL	IU/mL		Ser
1942	31017-7	Tissue transglutaminase IgA Ab [Units/volume] in Serum	Sero	384	{index}	index		Ser
1943	46128-5	Tissue transglutaminase IgA Ab [Units/volume] in Serum by Immunoassay	Sero	1948				Ser
1944	32998-7	Tissue transglutaminase IgG Ab [Units/volume] in Serum	Sero	529	{index}	index		Ser
1945	56537-4	Tissue transglutaminase IgG Ab [Units/volume] in Serum by Immunoassay	Sero	530				Ser
1946	**Specimen**							
1947	19803-6	Specimen site	Specimen	1477				*
1948	20506-2	Specimen drawn from	Specimen	636				^Patient
1949	14725-6	[Type] of Body fluid	Specimen	543				Body fld
1950	9335-1	Appearance of Body fluid	Specimen	591				Body fld
1951	6824-7	Color of Body fluid	Specimen	352				Body fld
1952	20513-8	Turbidity [Presence] of Body fluid	Specimen	852				Body fld
1953	10333-3	Appearance of Cerebral spinal fluid	Specimen	642				CSF
1954	11135-1	Appearance of Spun Cerebral spinal fluid	Specimen	912				CSF
1955	10335-8	Color of Cerebral spinal fluid	Specimen	489				CSF
1956	19157-7	Tube number of Cerebral spinal fluid	Specimen	592				CSF
1957	20512-0	Turbidity [Presence] of Cerebral spinal fluid	Specimen	755				CSF
1958	17607-3	Volume of Cerebral spinal fluid	Specimen	1363	mL	mL		CSF
1959	13532-7	Xanthochromia [Presence] of Cerebral spinal fluid	Specimen	639				CSF

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1960	38527-8	Number of specimens received of Stool	Specimen	869	{#}	#		Stool
1961	38526-0	Number of specimens tested of Stool	Specimen	713	{#}	#		Stool
1962	33247-8	Weight of Sweat	Specimen	1175	mg	mg		Sweat
1963	14664-7	Color of Synovial fluid	Specimen	1416				Synv fld
1964	48053-3	Turbidity [Presence] of Synovial fluid	Specimen	1525				Synv fld
1965	5767-9	Appearance of Urine	Specimen	66				Urine
1966	19244-3	Character of Urine	Specimen	272				Urine
1967	32167-9	Clarity of Urine	Specimen	1066				Urine
1968	5778-6	Color of Urine	Specimen	58				Urine
1969	49049-0	Collection time of Unspecified specimen	Specimen	541	{clock_time}	clock_time		XXX
1970	Surg Path							
1971	33719-6	Flow cytometry study	Surg Path	1054				Bld
1972	21026-0	Pathologist interpretation of Blood tests	Surg Path	631				Bld
1973	33721-2	Bone marrow Pathology biopsy report	Surg Path	1159				Bone mar
1974	21024-5	Pathologist interpretation of Cerebral spinal fluid tests	Surg Path	1010				CSF
1975	19139-5	Pathologist name	Surg Path	269				Surg Path
1976	65757-7	Pathology biopsy report in Kidney Narrative	Surg Path	1790				Surg Path
1977	65752-8	Pathology biopsy report in Liver Narrative	Surg Path	1791				Surg Path
1978	65751-0	Pathology biopsy report in Muscle Narrative	Surg Path	1792				Surg Path
1979	65754-4	Pathology biopsy report in Skin Narrative	Surg Path	1793				Surg Path
1980	22638-1	Pathology report comments	Surg Path	96				Surg Path
1981	22637-3	Pathology report final diagnosis	Surg Path	51				Surg Path
1982	34574-4	Pathology report final diagnosis	Surg Path	775				Surg Path
1983	22634-0	Pathology report gross observation	Surg Path	248				Surg Path
1984	22635-7	Pathology report microscopic observation Other stain	Surg Path	282				Surg Path
1985	22636-5	Pathology report relevant history	Surg Path	88				Surg Path

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1986	22633-2	Pathology report site of origin	Surg Path	262				Surg Path
1987	22639-9	Pathology report supplemental reports	Surg Path	98				Surg Path
1988	48038-4	Pathologist interpretation of Synovial fluid tests	Surg Path	1544				Synv fld
1989	10459-6	Alpha-1-Fetoprotein Ag [Presence] in Tissue by Immune stain	Surg Path	690				Tiss
1990	18743-5	Autopsy report	Surg Path	1939				
1991	33720-4	Blood bank consult	Surg Path	1118				
1992	11529-5	Surgical pathology study	Surg Path	209				
1993	Survey RFC							
1994	46640-9	Secondary diagnosis RFC	Survey RFC	686				^Patient
1995	UA							
1996	8246-1	Amorphous sediment [Presence] in Urine sediment by Light microscopy	UA	433				Urine sed
1997	5769-5	Bacteria [#/area] in Urine sediment by Microscopy high power field	UA	89	{#}/[HPF]	#/HPF		Urine sed
1998	25145-4	Bacteria [Presence] in Urine sediment by Light microscopy	UA	514				Urine sed
1999	25156-1	Eosinophils [Presence] in Urine sediment by Light microscopy	UA	1195				Urine sed
2000	20457-8	Fungi.filamentous [Presence] in Urine sediment by Light microscopy	UA	1993				Urine sed
2001	5791-9	Fungi.yeastlike [#/area] in Urine sediment by Microscopy high power field	UA	1114	{#}/[HPF]	#/HPF		Urine sed
2002	20456-0	Fungi.yeastlike [Presence] in Urine sediment by Light microscopy	UA	1955			This would usually be reported per HPF, which should be mapped to 5791-9.	Urine sed
2003	12235-8	Microscopic observation [Identifier] in Urine sediment by Light microscopy	UA	339				Urine sed
2004	28545-2	Mucus [#/area] in Urine sediment by Microscopy low power field	UA	1376	{#}/[HPF]	#/HPF		Urine sed
2005	8247-9	Mucus [Presence] in Urine sediment by Light microscopy	UA	128				Urine sed
2006	8248-7	Spermatozoa [Presence] in Urine sediment by Light microscopy	UA	696				Urine sed
2007	33905-1	Trichomonas sp [#/area] in Urine sediment by Microscopy high power field	UA	2001	{#}/[HPF]	#/HPF		Urine sed
2008	5813-1	Trichomonas vaginalis [Presence] in Urine sediment by Light microscopy	UA	716				Urine sed
2009	11279-7	Urine sediment comments by Light microscopy Narrative	UA	179				Urine sed
2010	5822-2	Yeast [#/area] in Urine sediment by Microscopy high power field	UA	643	{#}/[HPF]	#/HPF		Urine sed
2011	32356-8	Yeast [Presence] in Urine sediment by Light microscopy	UA	304				Urine sed
2012	21033-6	Yeast.budding [Presence] in Urine sediment	UA	897				Urine sed

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2013	**UA-Micro Casts**							
2014	18487-9	Broad casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	1990	{#}/[HPF]	#/HPF		Urine sed
2015	9439-1	Casts [#/area] in Urine sediment by Microscopy high power field	UA-Micro Casts	864	{#}/[HPF]	#/HPF		Urine sed
2016	9842-6	Casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	294	{#}/[HPF]	#/HPF		Urine sed
2017	33393-0	Coarse Granular Casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	1236	{#}/[HPF]	#/HPF		Urine sed
2018	5786-9	Epithelial casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	1969	{#}/[HPF]	#/HPF		Urine sed
2019	25157-9	Epithelial casts [Presence] in Urine sediment by Light microscopy	UA-Micro Casts	1357				Urine sed
2020	5789-3	Fatty casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	1976	{#}/[HPF]	#/HPF		Urine sed
2021	32680-1	Fine Granular Casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	1282	{#}/[HPF]	#/HPF		Urine sed
2022	5793-5	Granular casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	691	{#}/[HPF]	#/HPF		Urine sed
2023	25160-3	Granular casts [Presence] in Urine sediment by Light microscopy	UA-Micro Casts	649				Urine sed
2024	5796-8	Hyaline casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	238	{#}/[HPF]	#/HPF		Urine sed
2025	25162-9	Hyaline casts [Presence] in Urine sediment by Light microscopy	UA-Micro Casts	191				Urine sed
2026	38995-7	Mixed cellular casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	1959	{#}/[HPF]	#/HPF		Urine sed
2027	25158-7	Oval fat bodies (globules) [Presence] in Urine sediment by Light microscopy	UA-Micro Casts	1989				Urine sed
2028	5807-3	RBC casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	1958	{#}/[HPF]	#/HPF		Urine sed
2029	33804-6	RBC casts [Presence] in Urine sediment by Light microscopy	UA-Micro Casts	650				Urine sed
2030	5819-8	Waxy casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	1957	{#}/[HPF]	#/HPF		Urine sed
2031	5820-6	WBC casts [#/area] in Urine sediment by Microscopy low power field	UA-Micro Casts	1438	{#}/[HPF]	#/HPF		Urine sed
2032	**UA-Micro Cells**							
2033	798-9	Erythrocytes [#/volume] in Urine by Automated count	UA-Micro Cells	246	{#}/mL	#/mL		Urine
2034	33051-4	Erythrocytes [Presence] in Urine	UA-Micro Cells	287				Urine
2035	33242-9	Fungi.filamentous [Presence] in Urine by Computer assisted method	UA-Micro Cells	1551				Urine

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2036	33768-3	Leukocyte clumps [#/volume] in Urine by Automated count	UA-Micro Cells	608	{#}/uL	#/uL		Urine
2037	30405-5	Leukocytes [#/volume] in Urine	UA-Micro Cells	201	{#}/uL	#/uL		Urine
2038	38996-5	Neutrophils [Presence] in Urine by Light microscopy	UA-Micro Cells	1515				Urine
2039	5785-1	Eosinophils [#/area] in Urine sediment by Microscopy high power field	UA-Micro Cells	1255	{#}/[HPF]	#/HPF		Urine sed
2040	49839-4	Eosinophils [Presence] in Urine sediment by Wright stain	UA-Micro Cells	1527				Urine sed
2041	12210-1	Eosinophils/100 leukocytes in Urine sediment by Manual count	UA-Micro Cells	1640	%	%		Urine sed
2042	5787-7	Epithelial cells [#/area] in Urine sediment by Microscopy high power field	UA-Micro Cells	166	{#}/[HPF]	#/HPF		Urine sed
2043	20453-7	Epithelial cells [Presence] in Urine sediment by Light microscopy	UA-Micro Cells	151				Urine sed
2044	26052-1	Epithelial cells.renal [#/area] in Urine sediment by Microscopy high power field	UA-Micro Cells	605	{#}/[HPF]	#/HPF		Urine sed
2045	12248-1	Epithelial cells.renal [Presence] in Urine sediment by Light microscopy	UA-Micro Cells	721				Urine sed
2046	11277-1	Epithelial cells.squamous [#/area] in Urine sediment by Microscopy high power field	UA-Micro Cells	148	{#}/[HPF]	#/HPF		Urine sed
2047	12258-0	Epithelial cells.squamous [Presence] in Urine sediment by Microscopy high power field	UA-Micro Cells	261				Urine sed
2048	13945-1	Erythrocytes [#/area] in Urine sediment by Microscopy high power field	UA-Micro Cells	100	{#}/[HPF]	#/HPF		Urine sed
2049	5808-1	Erythrocytes [#/volume] in Urine sediment by Microscopy high power field	UA-Micro Cells	155	{#}/[HPF]	#/HPF		Urine sed
2050	46420-6	Leukocyte clumps [#/area] in Urine sediment by Microscopy high power field	UA-Micro Cells	1021	{#}/[HPF]	#/HPF		Urine sed
2051	5821-4	Leukocytes [#/area] in Urine sediment by Microscopy high power field	UA-Micro Cells	79	{#}/[HPF]	#/HPF		Urine sed
2052	20455-2	Leukocytes [Presence] in Urine sediment by Light microscopy	UA-Micro Cells	2000				Urine sed
2053	5788-5	Oval fat bodies (globules) [#/area] in Urine sediment by Microscopy high power field	UA-Micro Cells	1964	{#}/[HPF]	#/HPF		Urine sed
2054	30089-7	Transitional cells [#/area] in Urine sediment by Microscopy high power field	UA-Micro Cells	491	{#}/[HPF]	#/HPF		Urine sed
2055	8249-5	Transitional cells [Presence] in Urine sediment by Light microscopy	UA-Micro Cells	1317				Urine sed
2056	11276-3	Tubular cells [Presence] in Urine sediment by Light microscopy	UA-Micro Cells	956				Urine sed

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2057	UA-Micro Crys							
2058	5766-1	Ammonium urate crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1985				Urine sed
2059	5771-1	Bilirubin crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1995				Urine sed
2060	25147-0	Calcium carbonate crystals [#/area] in Urine sediment by Microscopy high power field	UA-Micro Crys	1996	{#}/[HPF]	#/HPF		Urine sed
2061	5773-7	Calcium carbonate crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1977				Urine sed
2062	25148-8	Calcium oxalate crystals [#/area] in Urine sediment by Microscopy high power field	UA-Micro Crys	1821	{#}/[HPF]	#/HPF		Urine sed
2063	5774-5	Calcium oxalate crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	679				Urine sed
2064	25149-6	Calcium phosphate crystals [#/area] in Urine sediment by Microscopy high power field	UA-Micro Crys	1988	{#}/[HPF]	#/HPF		Urine sed
2065	5775-2	Calcium phosphate crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1975				Urine sed
2066	5776-0	Calcium sulfate crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	2005				Urine sed
2067	5777-8	Cholesterol crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1999				Urine sed
2068	5782-8	Crystals [type] in Urine sediment by Light microscopy	UA-Micro Crys	158				Urine sed
2069	5784-4	Cystine crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1974				Urine sed
2070	5795-0	Hippurate crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	2003				Urine sed
2071	5798-4	Leucine crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1982				Urine sed
2072	5812-3	Sulfonamide crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1994				Urine sed
2073	5814-9	Triple phosphate crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1596				Urine sed
2074	5815-6	Tyrosine crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1984				Urine sed
2075	25154-6	Unidentified crystals [#/area] in Urine sediment by Microscopy high power field	UA-Micro Crys	1962	{#}/[HPF]	#/HPF		Urine sed
2076	5783-6	Unidentified crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	381				Urine sed
2077	46138-4	Urate crystals [#/area] in Urine sediment by Microscopy high power field	UA-Micro Crys	1960	{#}/[HPF]	#/HPF		Urine sed
2078	5817-2	Urate crystals [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	1143				Urine sed
2079	12454-5	Urate crystals amorphous [Presence] in Urine sediment by Light microscopy	UA-Micro Crys	244				Urine sed
2080	UA-Test Strip							

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2081	20505-4	Bilirubin [Mass/volume] in Urine by Test strip	UA-Test Strip	907	mg/dL	mg/dL		Urine
2082	5770-3	Bilirubin [Presence] in Urine by Test strip	UA-Test Strip	64				Urine
2083	20409-9	Erythrocytes [#/volume] in Urine by Test strip	UA-Test Strip	126	{#}/uL	#/uL		Urine
2084	5792-7	Glucose [Mass/volume] in Urine by Test strip	UA-Test Strip	73	mg/dL	mg/dL		Urine
2085	25428-4	Glucose [Presence] in Urine by Test strip	UA-Test Strip	309				Urine
2086	5794-3	Hemoglobin [Presence] in Urine by Test strip	UA-Test Strip	72				Urine
2087	5797-6	Ketones [Mass/volume] in Urine by Test strip	UA-Test Strip	80	mg/dL	mg/dL		Urine
2088	2514-8	Ketones [Presence] in Urine by Test strip	UA-Test Strip	102				Urine
2089	5799-2	Leukocyte esterase [Presence] in Urine by Test strip	UA-Test Strip	65				Urine
2090	20408-1	Leukocytes [#/volume] in Urine by Test strip	UA-Test Strip	162	{#}/uL	#/uL		Urine
2091	5802-4	Nitrite [Presence] in Urine by Test strip	UA-Test Strip	56				Urine
2092	5803-2	pH of Urine by Test strip	UA-Test Strip	59	[pH]	pH		Urine
2093	5804-0	Protein [Mass/volume] in Urine by Test strip	UA-Test Strip	74	mg/dL	mg/dL		Urine
2094	20454-5	Protein [Presence] in Urine by Test strip	UA-Test Strip	99				Urine
2095	32147-1	Reducing substances [Mass/volume] in Urine	UA-Test Strip	1748	mg/dL	mg/dL		Urine
2096	5809-9	Reducing substances [Presence] in Urine	UA-Test Strip	1206				Urine
2097	5811-5	Specific gravity of Urine by Test strip	UA-Test Strip	71				Urine
2098	20405-7	Urobilinogen [Mass/volume] in Urine by Test strip	UA-Test Strip	117	mg/dL	mg/dL		Urine
2099	5818-0	Urobilinogen [Presence] in Urine by Test strip	UA-Test Strip	134				Urine
2100	19161-9	Urobilinogen [Units/volume] in Urine by Test strip	UA-Test Strip	170	{Ehrilich 'U}/dL	Ehrilich 'U/dL	This ACnc term is intended for use when results reported as Ehrlich Units. But, 1 Ehrlich unit = 1 mg/dL in mass concentration. If reporting in mass concentration units, it would be better to use the MCnc Urobilinogen test strip (see LOINC 20405-7).	Urine
2101	Ventilator							
2102	19994-3	Oxygen/Inspired gas setting [Volume Fraction] Ventilator	Ventilator	457	%	%	Percent O2 delivered by ventilation	Ventilator
2103	20112-9	Tidal volume setting Ventilator	Ventilator	1453	mL	mL		Ventilator