

## Common Lab Orders – Version 1.1

### Preface

April 7, 2010

What follows is the second update to the list of the most commonly ordered laboratory tests with their LOINC codes and names. The Lister Hill Center at the National Library of Medicine (NLM) developed this list empirically based on data from five source systems and with the collaboration of the Regenstrief Institute and help of the Healthcare Information Technology Standards Panel (HITSP), ACLA, HCA, 3M, and many other individuals and organizations.

What you see in the PDF below is version 1.1 of the common test orders list, sorted alphabetically by LOINC®<sup>1</sup> class and within class by LOINC long common name. An associated XLS file includes additional columns for the LOINC short name, and each of the 6 parts of the LOINC formal name. The content of the current table is an improved version of version 1.0 that was posted online based on feedback about the beta version that was presented at the November 5, 2009 HITSP face-to-face meeting in Washington DC.

### **The genesis of the November 5<sup>th</sup> common lab test orders “beta version”**

The November beta version was based on data from five clinical sources, described below. Four of these sources had mapped all of their orders/results to LOINC codes using RELMA®<sup>2</sup> and they provided us with their frequency statistics.

- 1) The Indiana Health Information Exchange (INPC), who reported ordering statistics from a sample of 10 million orders from more than 15 hospitals and clinics.
- 2) Health Care (UHC) who derived their statistics from a sample of 30 million referral laboratory test *results* from their nationwide database.
- 3) Five Northeast US hospitals that derived their statistics from a sample of 1.5 million orders.
- 4) One Southeast US hospital that derived its statistics from 200,000 test orders.
- 5) A list of about 200 tests gathered by survey from an internal medicine project run by Stasia Kahn, MD (Chicago).

The first four of these data sets had LOINC codes and statistics attached; we added LOINC codes for the tests from Dr. Kahn's list, and did not have statistics. The Indiana, NE US and SE US lists were weighted toward hospital laboratories (including inpatient and outpatient). The UHC results come from a national database and include only outpatient tests performed out of office. The UHC data helps to balance the hospital bias of the other samples.

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<sup>1</sup> The purpose of LOINC® is to facilitate the exchange and pooling of clinical results for clinical care, outcomes management, and research by providing a set of universal codes and names to identify laboratory and other clinical observations, and they are distributed at no cost. The Regenstrief Institute, Inc, an internationally renowned healthcare and informatics research organization, maintains the LOINC database and supporting documentation, and the RELMA mapping program. The LOINC® codes are copyright © 1995-2010, Regenstrief Institute, and the Logical Observation Identifiers Names and Codes (LOINC) Committee. All rights reserved. Full LOINC® and RELMA® Terms of Use are available at: <http://loinc.org/terms-of-use>

<sup>2</sup> The Regenstrief Institute provides a Windows-based mapping utility called the Regenstrief LOINC Mapping Assistant (RELMA) to facilitate searches through the LOINC database and to assist efforts to map local codes to LOINC codes: <http://loinc.org/relma>

We started with test orders contained in the Indiana 99.5 percentile of test orders and only added terms from the other sources to this list if they were not already included in the starting list. We only included LOINC codes from the UHC list of result codes, if the test was in the top 99.5 percentile of the UHC list *and* that code had not already been included in the Indiana list of orders or part of a panel from that list. We continued with the other sources using the same rule where possible. When we finished the November 5<sup>th</sup> beta version of the common lab orders list, it contained about 300 tests and covered more than 99% of each sources' laboratory volumes.

We presented that original beta table of common lab orders at the HITSP face-to-face meeting in Silver Spring, MD on November 5<sup>th</sup>. HITSP sent it out for public comments as part of the C80 Clinical Document and Message Terminology Construct<sup>3</sup> and referenced a web site <http://loinc.org/usage> where future versions would appear. The HITSP C80 describes this Common Lab Orders set and future versions as the preferred "starter" set for laboratory orders.

### **Evolution of the common order list since the November beta version**

We received many comments from the HITSP review process at the end of 2009, including especially useful comments from the American Clinical Laboratory Association (ACLA) who then helped to refine and improve the list. The ACLA suggested the addition of more than 50 tests that were high frequency orders in their member's laboratories. They also suggested replacing some codes with codes that were more appropriate for the intended use and removing other codes, for example the few non-orderable test codes that slipped in. ACLA also had questions, and/or lack of consensus among its members, about how to represent a subset of about 90 orders in the November 5<sup>th</sup> beta version and asked LOINC to hold these back, in order to give ACLA members time to review them. We initially reviewed 25 of these with ACLA (including the most frequently ordered chemistry panels and bacterial cultures) and included them in the version 1.0 list that we posted on Jan 14, 2010.

Over the last 3 months, ACLA, NLM and Regenstrief have reviewed an additional 14 of the most important of these "held back" terms, including urinalyses and blood counts. As part of both batches of reviews, each of the participating ACLA labs compared the elements of the panels in question with what they reported. For some panels, the ACLA labs differed with respect to the optional elements included within the panels but not with respect to the required elements. They all reported the same required elements. In both rounds of review, Regenstrief added optional elements to some panels to cover the optional elements reported by any of the ACLA laboratories, adjusted the Required/Optional flags for other panels to align with the ACLA consensus. In a few cases, Regenstrief created new panels to replace old ones to ensure the panels fit better with current ordering patterns. All of these changes described above have been

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<sup>3</sup> This list is referenced by the HITSP C80 Clinical Document and Messaging Terminology Construct in Table 2-97 "Laboratory Order Value Set" which states that it "should be considered a minimum "starter" set," and "does not attempt to include all possible LOINC codes" or all possible lab orders: [http://www.hitsp.org/ConstructSet\\_Details.aspx?&PrefixAlpha=4&PrefixNumeric=80](http://www.hitsp.org/ConstructSet_Details.aspx?&PrefixAlpha=4&PrefixNumeric=80)

included in a special release of the LOINC data base (version 2.30) and RELMA (version 4.3) both released 2010-02-26).

This review process took extra time, but it was more than worth it. The final product is a much better one for the review by many eyes from many laboratories; it produced, and is aligned with, a new consensus among the ACLA laboratories about content of panels, and other aspects of LOINC test ordering.

Some of the tests in this list of common lab orders are not provided by most ACLA labs. We indicate such tests — most of which are point of care tests — with an X in the column labeled “Usually not performed at a referral lab.”

As a matter of good clinical practice, the ACLA laboratories and most hospital laboratories perform susceptibility testing on any significant isolate on a reflex basis. Therefore LOINC does not have codes for culture and susceptibility and you will not see separate LOINC codes for susceptibility testing in this list of common lab orders. Because frequency statistics were obtained from multiple sources, they are not strictly comparable, so instead of including a numerical statistical percentage, we include an overall rank order number column (from most to least frequently ordered labs). Because we did not get frequency statistics from some sources, we list “N/A” as the rank order for some of the lab orders.

The list of common orders (version 1.1) below includes 292 laboratory test and test panel codes. We still have 61 orders from those within the November 2009 beta version list to review (about 4% of the testing volume). Of the lab orders remaining for review, three classes of tests account for 66.67% of the 61 orders (Drug/Tox 16.39%, Micro 34.43% and Blood counts of special body fluids (HEM-BC) 11.48%). As we review these tests with ACLA, we will add them to the common orders file available at <http://loinc.org/usage> and LOINC will send an announcement to those on its email list.

We’d like to thank to all who contributed data, helped develop this list and provided such valuable feedback. Special thanks to the HITSP Care Management and Health Records Domain Technical Committee and its co-chairs Keith Boone, Corey Spears and Greg Alexander, and to the ACLA members who have provided extensive analysis. Your comments and suggestions are welcome: [commontestsandorders@mail.nih.gov](mailto:commontestsandorders@mail.nih.gov)

### Common Lab Orders - Version 1.1

Developed by National Library of Medicine and Regenstrief Institute and Reviewed by American Clinical Laboratory Association (ACLA)

SOURCE	CLASS	LOINC code	Rank Order (1 = most frequently ordered)	CONVENIENCE NAME	LOINC LONG COMMON NAME	Usually not performed at a referral lab (X)
1-INPC	Blood Bk	34530-6	92	ABO and Rh blood typing	ABO & Rh group panel in Blood	
1-INPC	Blood Bk	883-9	145	ABO blood group typing	ABO group [Type] in Blood	
7-ACLA	Blood Bk	890-4	151	Blood group antibody screen	Blood group antibody screen [Presence] in Serum or Plasma	
7-ACLA	Blood Bk	10331-7	154	Rh	Rh [Type] in Blood	
4-NE-US	Blood Bk	1314-4	140	Rh immune globulin screen	Rh immune globulin screen	
7-ACLA	CHEM	53835-5	254	1,5-Anhydroglucitol in serum or plasma	1,5-Anhydroglucitol [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	1668-3	243	17-Hydroxyprogesterone in serum or plasma	17-Hydroxyprogesterone [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	1742-6	68	Alanine aminotransferase in serum or plasma	Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma	
1-INPC	CHEM	1751-7	168	Albumin in serum or plasma	Albumin [Mass/volume] in serum or plasma	
7-ACLA	CHEM	1761-6	231	Aldolase in serum or plasma	Aldolase [Enzymatic activity/volume] in Serum or Plasma	
7-ACLA	CHEM	1763-2	237	Aldosterone in serum or plasma	Aldosterone [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	6768-6	206	Alkaline phosphatase in serum or plasma	Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma	
2-United H	CHEM	1834-1	163	Alpha-1-Fetoprotein in serum or plasma	Alpha-1-Fetoprotein [Mass/volume] in Serum or Plasma	
4-NE-US	CHEM	53962-7	162	Alpha-1-fetoprotein.tumor marker in serum or plasma	Alpha-1-fetoprotein.tumor marker [Mass/volume] in Serum or Plasma	
8- NLM replacment	CHEM	16362-6	153	Ammonia [molar concentration in Plasma	Ammonia [Moles/volume] in Plasma	
1-INPC	CHEM	1798-8	60	Amylase in serum or plasma	Amylase [Enzymatic activity/volume] in Serum or Plasma	
3-SE-US	CHEM	2742-5	202	Angiotensin converting enzyme in serum or plasma	Angiotensin converting enzyme [Enzymatic activity/volume] in Serum or Plasma	
1-INPC	CHEM	1920-8	87	Aspartate aminotransferase ( ALT)	Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma	
7-ACLA	CHEM	1952-1	239	Beta 2 Microglobulin	Beta-2-Microglobulin [Mass/volume] in serum	

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7-ACLA	CHEM	1975-2	178	Bilirubin, Total	Bilirubin [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	1986-9	225	C Peptide	C peptide [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	1988-5	98	C Reactive Protein in serum or plasma	C reactive protein [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	30522-7	223	C Reactive protein high sensitivity	C reactive protein [Mass/volume] in Serum or Plasma by High sensitivity method	
2- United H	CHEM	1989-3	35	Calcidiol in serum or plasma	Calcidiol [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	1989-3	235	Calcidiol	Calcidiol [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	1649-3	249	Calcitriol	Calcitriol [Mass/volume] in Serum or Plasma	
3-SE-US	CHEM	49765-1	19	Calcium mass concentration in Blood	Calcium [Mass/volume] in Blood	
1-INPC	CHEM	17861-6	167	Calcium in serum or plasma	Calcium [Mass/volume] in serum or plasma	
7-ACLA	CHEM	38230-9	N/A	Calcium ionized mass concentration in blood	Calcium.ionized [Mass/volume] in Blood	
1-INPC	CHEM	1994-3	79	Calcium ionized molar concentration in blood	Calcium.ionized [Molecules/volume] in Blood	X
5-Survey	CHEM	1995-0	N/A	Calcium ionized molar concentration in serum or plasma	Calcium.ionized [Molecules/volume] in Serum or Plasma	X
1-INPC	CHEM	10334-1	222	Cancer Ag-125 in serum or plasma	Cancer Ag 125 [Units/volume] in serum or plasma	
7-ACLA	CHEM	6875-9	N/A	CA 15-3	Cancer Ag 15-3 [Units/volume] in Serum or Plasma	
7-ACLA	CHEM	24108-3	228	CA 19-9	Cancer Ag 19-9 [Units/volume] in Serum or Plasma	
7-ACLA	CHEM	17842-6	230	CA 27-29	Cancer Ag 27-29 [Units/volume] in Serum or Plasma	
7-ACLA	CHEM	2028-9	188	Carbon dioxide	Carbon dioxide [Molecules/volume] in Serum or Plasma	
7-ACLA	CHEM	29891-9	N/A	Carbon dioxide^post dose urea	Carbon dioxide [Presence] in Exhaled gas -- post dose urea	

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2- United H	CHEM	2039-6	169	Carcinoembryonic Ag in serum or plasma	Carcinoembryonic Ag [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	2093-3	103	Cholesterol in serum or plasma	Cholesterol [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	2085-9	229	HDL	Cholesterol in HDL [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	18262-6	215	Cholesterol LDL in serum or plasma	Cholesterol.in LDL [Mass/volume] in serum or plasma by direct assay	
1-INPC	CHEM	2106-3	80	HCG urine pregnancy test -- Qualitative	Choriogonadotropin [Presence] in Urine	
3-SE-US	CHEM	16695-9	182	Vitamin B12 in Blood	Cobalamin [Mass/volume] in Blood	X
1-INPC	CHEM	2132-9	84	Vitamin B12 in serum or plasma	Cobalamin [Mass/volume] in Serum or plasma	
3-SE-US	CHEM	4485-9	208	Complement C3 in serum or plasma	Complement C3 [Mass/volume] in Serum or Plasma	
3-SE-US	CHEM	4498-2	205	Complement C4 in serum or plasma	Complement C4 [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	2141-0	250	Corticotropin in serum or plasma	Corticotropin [Mass/volume] in Plasma	
7-ACLA	CHEM	2143-6	197	Cortisol	Cortisol [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	9813-7	233	Cortisol, morning	Cortisol [Mass/volume] in Serum or Plasma -- morning	
1-INPC	CHEM	2157-6	50	Creatine Kinase (enzyme) in serum or plasma	Creatine kinase [Enzymatic activity/volume] in Serum or Plasma	
3-SE-US	CHEM	49551-5	28	Creatine kinase.MB mass concentration in Blood	Creatine kinase.MB [Mass/volume] in Blood	X
1-INPC	CHEM	13969-1	22	Creatine Kinas MB mass concentration in serum or plasma	Creatine kinase.MB [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	38483-4	96	Creatinine in blood - eGFR usually included	Creatinine [Mass/volume] in Blood	X
1-INPC	CHEM	2160-0	49	Creatinine in serum or plasma - eGFR (usually) included	Creatinine [Mass/volume] in Serum or Plasma	
3-SE-US	CHEM	2191-5	189	Dehydroepiandrosterone sulfate in serum or plasma	Dehydroepiandrosterone sulfate [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	1968-7	128	Bilirubin direct in serum or plasma	Direct bilirubin [Mass/volume] in Serum or Plasma	

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2- United H	CHEM	2243-4	107	Estradiol in serum or plasms ( prenatal screen)	Estradiol [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	5640-8	184	Ethanol in blood	Ethanol [Mass/volume] in blood	X
1-INPC	CHEM	5643-2	216	Ethanol in serum or plasma	Ethanol [Mass/volume] in serum or plasma	X
1-INPC	CHEM	2276-4	81	Ferritin in serum or plasma	Ferritin [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	48065-7	134	Fibrin D-Dimer - measured in FEU unit	Fibrin D-dimer FEU [Mass/volume] in Platelet poor plasma	
1-INPC	CHEM	2284-8	110	Folate in serum or plasma	Folate [Mass/volume] in Serum or Plasma	
2- United H	CHEM	15067-2	89	Follitropin (FSH) in serum or plasma	Follitropin [Units/volume] in Serum or Plasma	
7-ACLA	CHEM	15069-8	255	Fructosamine	Fructosamine [Molecules/volume] in Serum or Plasma	
2- United H	CHEM	2324-2	72	Gamma glutamyl transferase in serum or plasma	Gamma glutamyl transferase [Enzymatic activity/volume] in Serum or Plasma	
1-INPC	CHEM	2339-0	8	Glucose in blood	Glucose [Mass/volume] in Blood	
3-SE-US	CHEM	2344-0	211	Glucose in Body fluid	Glucose [Mass/volume] in Body fluid	
1-INPC	CHEM	32016-8	37	Glucose measured on capillary blood -	Glucose [Mass/volume] in Capillary blood	
1-INPC	CHEM	41653-7	36	Glucose in serum or plasma by glucometer (new code-used capillary counts to estimate)	Glucose [Mass/volume] in capillary blood by Glucometer	
3-SE-US	CHEM	2342-4	212	Glucose in Cerebral spinal fluid (CSF)	Glucose [Mass/volume] in Cerebral spinal fluid	
1-INPC	CHEM	2345-7	99	Glucose in serum or plasma	Glucose [Mass/volume] in Serum or Plasma	
2- United H	CHEM	1504-0	141	Glucose - one hour post 50g oral glucose in serum or plasma-gestational	Glucose [Mass/volume] in Serum or Plasma - 1 hour post 50 g glucose PO	
3-SE-US	CHEM	1518-0	210	Glucose in serum or plasma --2 hours post 75 g glucose PO (not	Glucose [Mass/volume] in Serum or Plasma -- 2 hours post 75 g glucose PO	

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2- United H	CHEM	1558-6	201	Glucose fasting	Glucose fasting [Mass/volume] in Serum or Plasma	
3-SE-US	CHEM	4542-7	207	Haptoglobin in serum or plasma	Haptoglobin [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	4548-4	43	Hb A1c - Method not specified	Hemoglobin A1c (glycated HgB)/Hemoglobin.total in Blood	
1-INPC	CHEM	17856-6	44	Hb A1c - Method of HPLC	Hemoglobin A1c (glycated HgB)/Hemoglobin.total in Blood by HPLC	
1-INPC	CHEM	2335-8	116	Occult blood test in stool	Hemoglobin.gastrointestinal [Presence] in Stool	
7-ACLA	CHEM	29771-3	227	Hemoglobin gastrointestinal	Hemoglobin.gastrointestinal [Presence] in Stool by Immunologic method	
2- United H	CHEM	13965-9	187	Homocysteine molar concentration in serum or plasma	Homocysteine [Molecules/volume] in Serum or Plasma	
2- United H	CHEM	2458-8	131	IgA concentration in serum	IgA [Mass/volume] in Serum	
2- United H	CHEM	2465-3	179	IgG concentration in serum	IgG [Mass/volume] in Serum	
2- United H	CHEM	2472-9	124	IgM concentration in serum	IgM [Mass/volume] in Serum	
2- United H	CHEM	20448-7	177	Insulin in serum or plasma	Insulin [Units/volume] in Serum or Plasma	
7-ACLA	CHEM	2484-4	247	IGF-1	Insulin-Like growth factor-I [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	2498-4	220	Serum Iron	Iron [Mass/volume] in Serum or Plasma	
4-NE-US	CHEM	33058-9	136	Ketones in serum or plasma	Ketones [Mass/volume] in Serum or Plasma	
4-NE-US	CHEM	32693-4	137	Lactate molar concentration in Blood	Lactate [Molecules/volume] in Blood	
1-INPC	CHEM	2524-7	111	Lactate molar concentration in serum or plasms	Lactate [Molecules/volume] in Serum or Plasma	X
1-INPC	CHEM	2532-0	102	Lactate dehydrogenase (LDH) - in serum or plasma	Lactate dehydrogenase [Enzymatic activity/volume] in Serum or Plasma	
2- United H	CHEM	10501-5	105	Lutropin (LH) in serum or plasma	Lutropin [Units/volume] in Serum or Plasma	
3-SE-US	CHEM	21377-7	N/A	Magnesium in blood-	Magnesium [Mass/volume] in blood	X

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1-INPC	CHEM	19123-9	24	Magnesium in serum or plasma	Magnesium [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	13964-2	242	Methylmalonic Acid	Methylmalonate [Molecules/volume] in Serum or Plasma	
3-SE-US	CHEM	53833-0	29	Myoglobin in Blood	Myoglobin [Mass/volume] in Blood	
1-INPC	CHEM	2639-3	113	Myoglobin in serum or plasma -	Myoglobin [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	42637-9	221	BNP in blood	Natriuretic peptide B [Mass/volume] in Blood	X
1-INPC	CHEM	30934-4	51	BNP in serum or plasma	Natriuretic peptide B [Mass/volume] in Serum or Plasma	
2- United H	CHEM	2731-8	146	Parathyrin (PTH) intact in serum or plasma	Parathyrin.intact [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	2777-1	25	Phosphate (Phosphorus) in serum or plasma	Phosphate [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	6298-4	56	Potassium molar concentration in blood	Potassium [Molecules/volume] in Blood	X
1-INPC	CHEM	2823-3	64	Potassium molar concentration in serum or plasma	Potassium [Molecules/volume] in Serum or Plasma	
7-ACLA	CHEM	14338-8	93	Prealbumin	Prealbumin [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	2837-3	N/A	Pregnenolone	Pregnenolone [Mass/volume] in Serum or Plasma	
2- United H	CHEM	2839-9	120	Progesterone in serum or plasma	Progesterone [Mass/volume] in Serum or Plasma	
2- United H	CHEM	2842-3	122	Prolactin in serum or plasma	Prolactin [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	2857-1	101	PSA in serum or plasma	Prostate specific Ag [Mass/volume] in Serum or Plasma	
3-SE-US	CHEM	2881-1	180	Protein (total) in Body fluid	Protein [Mass/volume] in Body fluid	
3-SE-US	CHEM	2880-3	213	Protein (total) in Cerebral spinal fluid (CSF)	Protein [Mass/volume] in Cerebral spinal fluid	
1-INPC	CHEM	2885-2	52	Protein (total) in serum or plasma	Protein [Mass/volume] in Serum or Plasma	

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1-INPC	CHEM	24351-9	114	Serum Protein Electrophoresis (SPE)	Protein electrophoresis panel in Serum or Plasma	
7-ACLA	CHEM	2900-9	256	Vitamin B6, Plasma	Pyridoxine [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	20507-0	173	Reagin antibody RPR in serum - presence	Reagin Ab [Presence] in serum by RPR	
7-ACLA	CHEM	2915-7	253	Renin	Renin [Enzymatic activity/volume] in Plasma	
7-ACLA	CHEM	2923-1	245	Vitamin A	Retinol [Mass/volume] in Serum or Plasma	
7-ACLA	CHEM	13967-5	251	Sex hormone binding globulin	Sex hormone binding globulin [Molecules/volume] in Serum or Plasma	
1-INPC	CHEM	2947-0	91	Sodium in blood	Sodium [Molecules/volume] in blood	X
1-INPC	CHEM	2951-2	90	Sodium in serum or plasma	Sodium [Molecules/volume] in serum or plasma	
2- United H	CHEM	2986-8	70	Testosterone in serum or plasma	Testosterone [Mass/volume] in Serum or Plasma	
2- United H	CHEM	8098-6	159	Thyroglobulin antibody in serum	Thyroglobulin Ab [Units/volume] in Serum	
7-ACLA	CHEM	30166-3	257	Thyroid stimulating immunoglobulins	Thyroid stimulating immunoglobulins actual/normal in Serum	
2- United H	CHEM	8099-4	138	Thyroperoxidase antibody Qn	Thyroperoxidase Ab [Units/volume] in Serum	
1-INPC	CHEM	3016-3	67	Thyrotropin (TSH) in serum or plasma-test sensitivity not specified	Thyrotropin [Units/volume] in Serum or Plasma	
1-INPC	CHEM	11580-8	40	Thyrotropin (TSH) in serum or plasma-high sensitivity method	Thyrotropin [Units/volume] in Serum or Plasma by high sensitivity method	
2- United H	CHEM	3026-2	41	Thyroxin (T4) in serum or plasma	Thyroxine [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	3024-7	62	Thyroxin (T4) - free	Thyroxine Free [Mass/volume] in Serum or Plasma	
3-SE-US	CHEM	3034-6	165	Transferrin in serum or plasma	Transferrin [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	3040-3	39	Lipase in serum or plasma	Triacylglycerol lipase [Enzymatic activity/volume] in Serum or Plasma	

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1-INPC	CHEM	2571-8	109	trygliceride in serum or plasma	Triglyceride [Mass/volume] in Serum or Plasma	
2- United H	CHEM	3053-6	88	Triiodothyronine (T3) in serum or plasma	Triiodothyronine [Mass/volume] in Serum or Plasma	
2- United H	CHEM	3050-2	61	T3 Resine uptake (T3RU) in serum or plasma	Triiodothyronine resin uptake in Serum or Plasma	
3-SE-US	CHEM	42757-5	30	Troponin I.cardiac in Blood	Troponin I.cardiac [Mass/volume] in Blood	
1-INPC	CHEM	10839-9	26	Troponin I. cardiac in serum or plasma	Troponin I.cardiac [Mass/volume] in Serum or Plasma	
1-INPC	CHEM	3084-1	86	Uric acid in serum or plasma	Urate [Mass/volume] in Serum or Plasma	
3-SE-US	CHEM	6299-2	23	Urea nitrogen (BUN) in Blood	Urea nitrogen [Mass/volume] in Blood	
1-INPC	CHEM	3094-0	166	Urea Nitrogen (BUN) in serum or plasma	Urea Nitrogen [Mass/volume] in serum or plasma	
1-INPC	CHEM-gas	24341-0	N/A	Gas panel W Carbon monoxide panel in blood - arterial	Gas & Carbon monoxide panel in Arterial blood	X
1-INPC	CHEM-gas	24343-6	N/A	Gas panel W Carbon monoxide in blood	Gas & Carbon monoxide panel in Blood	X
	CHEM-gas	24342-8	N/A	Gas & Carbon monoxide panel in Capillary blood	Gas & Carbon monoxide panel in Capillary blood	X
	CHEM-gas	24344-4	N/A	Gas & Carbon monoxide panel in Venous blood	Gas & Carbon monoxide panel in Venous blood	X
1-INPC	CHEM-gas	24336-0	20	Gas panel in blood- arterial	Gas panel in Arterial blood	X
1-INPC	CHEM-gas	24338-6	209	Gas panel in blood	Gas panel in Blood	X
	CHEM-gas	24337-8	N/A	Gas panel in Capillary blood	Gas panel in Capillary blood	X
	CHEM-gas	24339-4	219	Gas panel in Venous blood	Gas panel in Venous blood	X
1-INPC	CHEM-panel	24321-2	2	Basic Metabolic panel (CMS)	Basic metabolic 2000 panel in Serum or Plasma	
1-INPC	CHEM-panel	24323-8	1	Comprehensive metabolic panel (CMS)	Comprehensive metabolic 2000 panel in Serum or Plasma	

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1-INPC	CHEM-panel	24326-1	108	Electrolytes panel (CMS)	Electrolytes 1998 panel in Serum or Plasma	
8- NLM replacment	CHEM-panel	55231-5	N/A	Electrolytes panel in Blood	Electrolytes panel in Blood	X
1-INPC	CHEM-panel	24325-3	16	Hepatic function pane (CMS)	Hepatic function 2000 panel in Serum or Plasma	
1-INPC	CHEM-panel	50190-8	34	Iron and Iron binding panel	Iron & Iron binding capacity panel in Serum or Plasma	
1-INPC	CHEM-panel	24331-1	10	Lipid panel (CMS) [calculated LDL - not measured]	Lipid 1996 panel in Serum or Plasma	
4-NE-US	CHEM-Panel	57698-3	N/A	Lipid panel W measured LDL	Lipid panel with direct LDL in Serum or Plasma	
1-INPC	CHEM-panel	24362-6	17	Renal function panel (CMS)	Renal function 2000 panel in Serum or Plasma	
2- United H	CHEM-thyroid	3051-0	100	Triiodothyronine (T3) -free in serum or plasma	Triiodothyronine Free [Mass/volume] in Serum or Plasma	
1-INPC	CHEM-Urine	2161-8	144	Creatinine in random urine -	Creatinine [Mass/volume] in Urine	
7-ACLA	CHEM-Urine	58446-6	N/A	Creatinine Clearance Panel in 24 hour urine, adjusted for BSA	Creatinine 24H renal clearance adjusted for body surface area panel	X
8- NLM replacment	CHEM-urine	34555-3	N/A	Creatinine clearance	Creatinine 24H renal clearance panel	X
7-ACLA	CHEM-Urine	58431-8	N/A	Microalbumin Panel - 24H urine	Microalbumin Panel in 24 hour Urine	X
7-ACLA	CHEM-Urine	58447-4	N/A	Microalbumin/Creatinine Ratio Panel, 24H urine	Microalbumin/Creatinine panel in 24H Urine	X
7-ACLA	CHEM-Urine	34535-5	65	Microalbumin/Creatinine Ratio Panel, Random Urine	Microalbumin/Creatinine panel in random Urine	X
3-SE-US	CHEM-Urine	2695-5	148	Osmolality in random Urine	Osmolality of Urine	
3-SE-US	CHEM-Urine	2828-2	149	Potassium Molar concentration in Urine	Potassium [Molecules/volume] in Urine	
2- United H	CHEM-urine	2888-6	156	Protein (total) in random urine	Protein [Mass/volume] in Urine	
3-SE-US	CHEM-Urine	2955-3	78	Sodium molar concentration in random Urine	Sodium [Molecules/volume] in Urine	

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1-INPC	COAG	3184-9	123	Activated coagulation time	Activated clotting time in Blood by Coagulation assay	
1-INPC	COAG	3173-2	58	Activated partial thromboplastin time (aPTT)	Activated partial thromboplastin time (aPTT) in Blood by Coagulation assay	
1-INPC	COAG	14979-9	32	activated parial thromboplastin time (aPTT) in blood (POC)	Activated partial thromboplastin time (aPTT) in Platelet poor plasma by Coagulation assay	
7-ACLA	COAG	3174-0	N/A	Antithrombin Activity in PPP	Antithrombin [Units/volume] in Platelet poor plasma by Chromogenic method	
1-INPC	COAG	3255-7	129	Fibrinogen in platelet poor plasma	Fibrinogen [Mass/volume] in Platelet poor plasma by Coagulation assay	
2-Uniited H	COAG	34528-0	46	Protime & INR panel	PT panel in platelet poor plasma by coagulation assay	
3-SE-US	DRUG/TOX	3432-2	185	Carbamazepine in serum or plasma	Carbamazepine [Mass/volume] in Serum or Plasma	
7-ACLA	DRUG/TOX	3520-4	217	Cyclosporine	Cyclosporine [Mass/volume] in Blood	
3-SE-US	DRUG/TOX	32997-9	203	Cyclosporine 2H post dose in serum or plasma quantitative	Cyclosporine [Mass/volume] in Blood --2 hours post dose	
3-SE-US	DRUG/TOX	10535-3	130	Digoxin in serum or plasma	Digoxin [Mass/volume] in Serum or Plasma	
7-ACLA	DRUG/TOX	45324-1	N/A	Ethyl Glucuronide, Urine	Ethyl glucuronide [Mass/volume] in urine	
4-NE-US	DRUG/TOX	3665-7	155	Gentamicin trough in serum or plasma	Gentamicin [Mass/volume] in Serum or Plasma --trough	
7-ACLA	DRUG/TOX	6948-4	241	Lamotrigine	Lamotrigine [Mass/volume] in Serum or Plasma	
2- United H	DRUG/TOX	5671-3	117	Lead in blood	Lead [Mass/volume] in Blood	
7-ACLA	DRUG/TOX	30471-7	240	Levetiracetam	Levetiracetam [Mass/volume] in Serum or Plasma	
7-ACLA	DRUG/TOX	14334-7	147	Lithium	Lithium [Molecules/volume] in Serum or Plasma	
4-NE-US	DRUG/TOX	3948-7	112	Phenobarbital in serum or plasma	Phenobarbital [Mass/volume] in Serum or Plasma	
3-SE-US	DRUG/TOX	3968-5	171	Phenytoin in serum or plasma	Phenytoin [Mass/volume] in Serum or Plasma	

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4-NE-US	DRUG/TOX	4024-6	94	Salicylates in serum or plasma	Salicylates [Mass/volume] in Serum or Plasma	
1-INPC	DRUG/TOX	11253-2	106	Tacrolimus in Blood	Tacrolimus [Mass/volume] in Blood	
4-NE-US	DRUG/TOX	32721-3	95	Tacrolimus in serum or plasma	Tacrolimus [Mass/volume] in Serum or Plasma	
3-SE-US	DRUG/TOX	4086-5	143	Valproate in serum or plasma	Valproate [Mass/volume] in Serum or Plasma	
3-SE-US	DRUG/TOX	4092-3	152	Vancomycin in serum or plasma --trough	Vancomycin [Mass/volume] in Serum or Plasma --trough	
7-ACLA	DRUG/TOX	5763-8	226	Zinc	Zinc [Mass/volume] in Serum or Plasma	
7-ACLA	HEM	4532-8	246	CH50 Complement	Complement total hemolytic CH50 [Units/volume] in Serum or Plasma	
1-INPC	HEM	30341-2	82	Sed rate - method unspecified	Erythrocyte sedimentation rate	
1-INPC	HEM	4537-7	115	Sed rate by Westegren method (See above)	Erythrocyte sedimentation rate by Westergren method	
7-ACLA	HEM	4544-3	N/A	Hematocrit, Automated	Hematocrit of Blood by Automated count	
1-INPC	HEM	718-7	59	hemoglobin concentration in blood (ordered by itself)	Hemoglobin [Mass/volume] in Blood	
2- United H	HEM	6864-3	176	Hemoglobin S presence (pos/neg) in blood	Hemoglobin S [Presence] in Blood by Solubility test	
4-NE-US	HEM	17849-1	77	Reticulocytes/100 RBCs by Automated count	Reticulocytes/100 erythrocytes in Red Blood Cells by Automated count	
1-INPC	HEM-CBC	57021-8	3	CBC W Auto Differential panel	CBC W Auto Differential panel in Blood	
1-INPC	HEM-CBC	57022-6	6	CBC W Reflex Manual Differential panel	CBC W Reflex Manual Differential panel in Blood	
1-INPC	HEM-CBC	57782-5	4	CBC W Ordered Manual Differential panel	CBC with Ordered Manual Differential panel in Blood	
1-INPC	HEM-CBC	58410-2	5	CBC (hemogram) panel in blood	Complete blood count (hemogram) panel in Blood by Automated count	
6-HITSP Comments	HEM-CBC	24360-0	224	Hemoglobin & Hematocrit panel	Hemoglobin & Hematocrit panel in Blood	

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6-HITSP Comments	HEM-CBC	26515-7	190	Platelet # Bld	Platelets [# /volume] in Blood	
3-SE-US	MICRO	595-9	175	Abscess culture -areobic	Bacteria identified in Abscess by Aerobe culture	
1-INPC	MICRO	600-7	7	Blood culture	Bacteria identified in Blood by Culture	
1-INPC	MICRO	611-4	42	body fluid (other than blood , urine or CSF)- culture	Bacteria identified in Body fluid by culture	
1-INPC	MICRO	19128-8	121	Blood catheter tip culture	Bacteria identified in Catheter tip by Culture	
1-INPC	MICRO	606-4	55	Cerbral spinal fluid culture	Bacteria identified in Cerebral spinal fluid by Culture	
1-INPC	MICRO	10352-3	63	Genital areobic culture - routine	Bacteria identified in Genital specimen by Aerobe culture	
5-Survey	MICRO	619-7	N/A	Peritoneal fluid culture- routine	Bacteria identified in Peritoneal fluid by Culture	
1-INPC	MICRO	624-7	33	sputum (lower respiratory) culture	Bacteria identified in Sputum by Respiratory culture	
1-INPC	MICRO	625-4	45	Stool (feces) culture - routine	Bacteria identified in Stool by Culture	
5-Survey	MICRO	621-3	N/A	Synovial fluid culture	Bacteria identified in Synovial fluid by Culture	
1-INPC	MICRO	20474-3	71	Biospy specimen culture	Bacteria identified in Tissue by Biopsy culture	
1-INPC	MICRO	634-6	31	Areobic culture-specimen not specified	Bacteria identified in Unspecified specimen by Aerobe culture	
1-INPC	MICRO	635-3	53	Anerobic culture	Bacteria identified in Unspecified specimen by Anaerobe culture	
1-INPC	MICRO	630-4	9	Urine culture routine	Bacteria identified in Urine by Culture	
1-INPC	MICRO	6462-6	11	Wound culture routine	Bacteria identified in Wound by Culture	
5-Survey	MICRO	34942-3	N/A	Borrelia burgdorferi IgG & IgM panel in serum	Borrelia burgdorferi IgG & IgM panel in Serum	X
2- United H	MICRO	6331-3	191	Campylobacter sp culture	Campylobacter sp identified in Stool by Organism specific culture	

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2- United H	MICRO	7885-7	196	Epstein Barr virus capsid IgG antibody in serum	Epstein Barr virus capsid IgG Ab [Units/volume] in Serum	
2- United H	MICRO	7886-5	198	Epstein Barr virus capsid IgM antibody in serum	Epstein Barr virus capsid IgM Ab [Units/volume] in Serum	
3-SE-US	MICRO	24007-7	119	Epstein Barr virus early IgG antibody in serum Qn	Epstein Barr virus early IgG Ab [Units/volume] in Serum	
2- United H	MICRO	21262-1	192	Escherichia coli shiga-like prescence in stool	Escherichia coli shiga-like [Presence] in Stool by Immunoassay	
1-INPC	MICRO	601-5	69	Fungus blood culture	Fungus identified in Blood by Culture	
1-INPC	MICRO	580-1	21	Fungus culture any specimen	Fungus identified in Unspecified specimen by Culture	
2- United H	MICRO	6410-5	199	Gardnerella vaginalis rRNA in genital specimen	Gardnerella vaginalis rRNA [Presence] in Genital specimen by DNA probe	
7-ACLA	MICRO	6412-1	244	Giardia lamblia Ag	Giardia lamblia Ag [Presence] in Stool by Immunoassay	
7-ACLA	MICRO	17780-8	248	Helicobacter pylori Ag	Helicobacter pylori Ag [Presence] in Stool by Immunoassay	
5-Survey	MICRO	29891-9	N/A	Helicobacter pylori present by breath test	Helicobacter pylori identified in stomach by Carbon dioxide breath test	
2- United H	MICRO	5176-3	170	Helicobacter pylori antibody.IgG in serum Quantitative	Helicobacter pylori IgG Ab [Units/volume] in Serum by Immunoassay	
7-ACLA	MICRO	13951-9	N/A	HAV Ab, Total [IgG and IgM]	Hepatitis A virus Ab [Presence] in Serum by Immunoassay	
2-United H	MICRO	13950-1	125	Hepatitis A virus IgM ab in serum qualitative	Hepatitis A virus IgM Ab [Presence] in Serum by Immunoassay	
7-ACLA	MICRO	13952-7	N/A	Hepatitis B virus core Ab	Hepatitis B virus core Ab [Presence] in Serum by Immunoassay	
2- United H	MICRO	24113-3	132	Hepatitis B virus core -IgM antibody presence in serum	Hepatitis B virus core IgM Ab [Presence] in Serum by Immunoassay	
7-ACLA	MICRO	13953-5	N/A	Hepatitis B virus little e Ab	Hepatitis B virus e Ab [Presence] in Serum by Immunoassay	
7-ACLA	MICRO	13954-3	N/A	Hepatitis B virus little e Ag	Hepatitis B virus e Ag [Presence] in Serum by Immunoassay	
7-ACLA	MICRO	5193-8	135	Hepatitis B virus surface Ab	Hepatitis B virus surface Ab [Units/volume] in Serum by Immunoassay	

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SOURCE	CLASS	LOINC code	Rank Order (1 = most frequently ordered)	CONVENIENCE NAME	LOINC LONG COMMON NAME	Usually not performed at a referral lab (X)
2- United H	MICRO	5198-7	76	Hepatitis C virus antibody presence in serum	Hepatitis C virus Ab [Units/volume] in Serum by Immunoassay	X
7-ACLA	MICRO	32286-7	238	HCV Genotype	Hepatitis C virus genotype [Identifier] in Serum or Plasma by Probe & target amplification method	
2- United H	MICRO	5206-8	181	Herpes simplex virus 1 IgG antibody presence in serum	Herpes simplex virus 1 IgG Ab [Units/volume] in Serum by Immunoassay	
2- United H	MICRO	5209-2	142	Herpes simplex virus 2 IgG antibody presence in serum	Herpes simplex virus 2 IgG Ab [Units/volume] in Serum by Immunoassay	
3-SE-US	MICRO	5859-4	127	Herpes simplex virus identified by Organism specific culture	Herpes simplex virus identified in Unspecified specimen by Organism specific culture	
7-ACLA	MICRO	5213-4	214	Heterophile Ab	Heterophile Ab [Presence] in Serum by Latex agglutination	
3-SE-US	MICRO	20447-9	139	HIV 1 viral load by Probe & target amplification method	HIV 1 RNA [# /volume] in Serum or Plasma by Probe & target amplification method	
2-United H	MICRO	22357-8	66	HIV 1+2 antibody in serum or plasma quantitative	HIV 1+2 Ab [Units/volume] in Serum	
2- United H	MICRO	30167-1	48	HPV DNA - High and moderate risk strains in cervical specimen by DNA by signal amplification - qualitative	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	
2- United H	MICRO	42481-2	183	HPV DNA- strains with Low carcinoma high risk- genital warts in cervical specimen DNA by signal amplification	Human papilloma virus 6+11+42+43+44 DNA [Presence] in Cervix by Probe & signal amplification method	
3-SE-US	MICRO	24015-0	158	Influenza virus A+B Ag presence in Unspecified specimen	Influenza virus A+B Ag [Presence] in Unspecified specimen	
7-ACLA	MICRO	5244-9	236	Rubeola (Measles) Ab, IgG	Measles virus IgG Ab [Units/volume] in Serum by Immunoassay	
1-INPC	MICRO	35492-8	47	MRSA detection by genetic method	Methicillin resistant Staphylococcus aureus (MRSA) DNA [Presence] by Probe & target amplification method	
1-INPC	MICRO	13317-3	73	MRSA by detection by culture- and susceptibility	Methicillin resistant Staphylococcus aureus [Presence] in Unspecified specimen by Organism specific culture	
1-INPC	MICRO	11545-1	126	Acid fast stain of smeared specimen	Microscopic observation [Identifier] in Unspecified specimen by Acid fast stain	

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1-INPC	MICRO	664-3	27	Gram stain of smeared specimen	Microscopic observation [Identifier] in Unspecified specimen by Gram stain	
1-INPC	MICRO	667-6	133	KOH preparation for detecting fungi	Microscopic observation [Identifier] in Unspecified specimen by KOH preparation	
7-ACLA	MICRO	7966-5	234	Mumps virus IgG Ab	Mumps virus IgG Ab [Units/volume] in Serum	
1-INPC	MICRO	543-9	18	TB culture	Mycobacterium sp identified in Unspecified specimen by Organism specific culture	
7-ACLA	MICRO	5274-6	N/A	7984-8	Parvovirus B19 IgM Ab [Units/volume] in Serum	
1-INPC	MICRO	20508-8	164	Reagin (Syphilis) antibody	Reagin Ab [Units/volume] in serum by RPR	X
2- United H	MICRO	5334-8	104	Rubella Virus IgG antibody in serum quantitative	Rubella virus IgG Ab [Units/volume] in Serum by Immunoassay	
2- United H	MICRO	43371-4	N/A	Salmonella sp &or Shigella sp identified in stool	Salmonella sp/Shigella sp identified in Stool by Organism specific culture	
2- United H	MICRO	584-3	157	Streptococcus agalactiae vaginal culture	Streptococcus agalactiae [Presence] in Vaginal fluid by Organism specific culture	
1-INPC	MICRO	11268-0	150	Streptococcus pyogenes throat culture- used figures for beta hemolytic -	Streptococcus pyogenes [Presence] in Throat by Organism specific culture	
1-INPC	MICRO	18481-2	38	Streptococcus pyogenes antigen- throat swab-	Streptococcus pyogenes Ag [Presence] in Throat	
7-ACLA	MICRO	5370-2	232	Anti-Streptolysin O	Streptolysin O Ab [Units/volume] in Serum	
2- United H	MICRO	6568-0	200	Trichomonas vaginalis rRNA in genital specimen	Trichomonas vaginalis rRNA [Presence] in Genital specimen by DNA probe	
2- United H	MICRO	5403-1	172	Varicella zoster virus IgG Ab in serum by immunoassay Qn	Varicella zoster virus IgG Ab [Units/volume] in Serum by Immunoassay	
7-ACLA	MICRO	5404-9	N/A	Varicella Zoster Virus Ab, IgM	Varicella zoster virus IgM Ab [Units/volume] in Serum by Immunoassay	
1-INPC	MICRO	582-7	193	Streptococcus agalactiae genital culture- these # for 586-8 the xxx specimen-	Streptococcus agalactiae [Presence] in Genital specimen by Organism specific culture	
1-INPC	MICRO - CTGC	21613-5	57	Chlamydia trachomatis DNA by PCR- Probe	Chlamydia trachomatis DNA [Presence] in Unspecified specimen by Probe & target amplification method	
5-Survey	MICRO - CTGC	648-6	N/A	Gram stain of specimen	Microscopic observation [Identifier] in Sputum by Gram stain	X

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1-INPC	MICRO - CTGC	24111-7	54	Neisseria gonorrhoeae DNA by PCR - probe	Neisseria gonorrhoeae DNA [Presence] in Unspecified specimen by Probe & target amplification method	
2- United H	MICRO-CTGC	50387-0	83	Chlamydia trachomatis rRNA in cervix specimen	Chlamydia trachomatis rRNA [Presence] in Cervix by Probe & target amplification method	
2- United H	MICRO-CTGC	43304-5	75	Chlamydia trachomatis present by rRNA	Chlamydia trachomatis rRNA [Presence] in Unspecified specimen by Probe & target amplification method	
2- United H	MICRO-CTGC	50388-8	85	Neisseria gonorrhoea rRNA in cervix specimen	Neisseria gonorrhoeae rRNA [Presence] in Cervix by Probe & target amplification method	
2- United H	MICRO-CTGC	43305-2	74	Neisseria gonorrhoea present by rRNA	Neisseria gonorrhoeae rRNA [Presence] in Unspecified specimen by Probe & target amplification method	
2- United H	MOLPATH	21654-9	204	CFTR gene mutation analysis on Blood or tissue	CFTR gene mutations found [Identifier] in Blood or Tissue by Molecular genetics method Nominal	
7-ACLA	PANEL.SERO	24319-6	218	Anticardiolipin Antibody Panel G, M, A in ser	Cardiolipin IgA & IgG & IgM panel in Serum	
7-ACLA	SERO	33935-8	252	CCP IgG Ab	Cyclic citrullinated peptide IgG Ab [Units/volume] in Serum	
2- United H	SERO	5130-0	186	DNA double strand antibody in serum or plasma - quantitative	DNA double strand Ab [Units/volume] in Serum	
6-HITSP Comments	SERO	29953-7	N/A	ANA Titr Ser	Nuclear Ab [Titer] in Serum	
4-NE-US	SERO	27200-5	160	Nuclear Ab presence in serum method not specified	Nuclear Ab [Units/volume] in Serum	X
4-NE-US	SERO	5047-6	161	Nuclear Ab in serum by Immunoassay - quantitative	Nuclear Ab [Units/volume] in Serum by Immunoassay	X
2- United H	SERO	11572-5	97	Rheumatoid factor in serum quantitative	Rheumatoid factor [Units/volume] in Serum	
2- United H	SERO	17792-3	195	Sjogrens syndrome-A extractantibody nuclear antibody in serum	Sjogrens syndrome-A extractable nuclear Ab [Units/volume] in Serum	
2- United H	SERO	17791-5	194	Sjogrens syndrome-B extractantibody nuclear antibody in serum	Sjogrens syndrome-B extractable nuclear Ab [Units/volume] in Serum	
7-ACLA	SERO	11090-8	258	Smith extractable nuclear Ab	Smith extractable nuclear Ab [Units/volume] in Serum	
2- United H	SERO	31017-7	174	Tissue transglutaminase IgA antibody in serum quantitative	Tissue transglutaminase IgA Ab [Units/volume] in Serum	
7-ACLA	SERO	32998-7	259	Tissue transglutaminase IgG Ab, quantitative	Tissue transglutaminase IgG Ab [Units/volume] in Serum	

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3-SE-US	UA	13655-6	118	Leukocytes presence in Stool by Light microscopy	Leukocytes [Presence] in Stool by Light microscopy	
1-INPC	UA	24356-8	13	UA Complete (Dip stick and microscopic)	Urinalysis complete panel in Urine	
6-HITSP Comments	UA	58077-9	14	UA complete W Reflex Culture panel	Urinalysis complete W Reflex Culture panel in Urine	<b>X</b>
1-INPC	UA	57020-0	12	UA dipstick W Reflex to Microscopic	Urinalysis dipstick W Reflex Microscopic panel in Urine	
1-INPC	UA	24357-6	15	Urinalysis macroscopic (dipstick) panel	Urinalysis macro (dipstick) panel in Urine	<b>X</b>