

The tests listed in this table will be DELETED from our catalog. Replacement or alternate tests are noted if applicable.			
SBMF#	Effective	Deleted Test	Replacement / Alternate Test
23236	11.26.2018	5-Hydroxyindoleacetic Acid, Quantitative, Urine, 24-Hour	5-Hydroxyindoleacetic Acid (HIAA), Urine (47680)
23238	11.26.2018	5-Hydroxyindoleacetic Acid, Quantitative, Urine, Random	5-Hydroxyindoleacetic Acid (HIAA), Urine (47680)
46141	11.26.2018	Anabolic Steroids Screen with Reflex to Confirmation, Urine	Anabolic Steroids, Urine (43773)
46142	11.26.2018	REFLEX: Anabolic Steroid Confirmation (Qualitative), Urine	N/A
46143	11.26.2018	REFLEX: Testosterone/ Epitestosterone Ratio Confirmation, Urine	N/A
45813	11.12.2018	Aspergillus fumigatus Antibody, IgG by ELISA	Allergen, Mold/Microorganism, Aspergillus fumigatus IgG (43021)
46067	11.26.2018	Bath Salts Panel, Urine	Synthetic Stimulants, Quantitative, Urine (43782)
45095	11.26.2018	Blastomyces Antigen, Quantitative EIA	MVista Blastomyces Quantitative Antigen by EIA (43779)
47551	Immediate	Cardiomyopathy and Arrhythmia Deletion/Duplication, 83 Genes	Cardiomyopathy and Arrhythmia Panel, Sequencing (85 Genes) and Deletion/Duplication (83 Genes) (47549)
47550	Immediate	Cardiomyopathy and Arrhythmia Panel, Sequencing, 85 Genes	Cardiomyopathy and Arrhythmia Panel, Sequencing (85 Genes) and Deletion/Duplication (83 Genes) (47549)
29130	11.26.2018	Catecholamines, Fractionated, Urine, 24-Hour	Catecholamines, Fractionated, Urine Free (47681)
29230	11.26.2018	Catecholamines, Fractionated, Urine, Random	Catecholamines, Fractionated, Urine Free (47681)
42364	11.26.2018	Coagulation Factor V Inhibitor Screen, Plasma	Coagulation Factor V Activity and Human Inhibitor (43775)
46180	11.26.2018	Chromium and Cobalt, Whole Blood	Chromium, Whole Blood (46178), AND Cobalt, Whole Blood (46179)
47677	11.12.2018	Colon Cancer Gene Panel, Somatic	KRAS Mutation Detection by Pyrosequencing (47673), AND BRAF Codon 600 Mutation Detection by Pyrosequencing (47667), AND NRAS Mutation Detection by Pyrosequencing (47678)
46103	11.26.2018	Flunitrazepam and Metabolites Screen with Reflex to Confirmation, Urine	Flunitrazepam and Metabolites, Quantitative, Urine (43776)
46107	11.26.2018	REFLEX: Flunitrazepam and Metabolites Confirmation, Urine	N/A

The tests listed in this table will be DELETED from our catalog. Replacement or alternate tests are noted if applicable.			
SBMF#	Effective	Deleted Test	Replacement / Alternate Test
21202	Immediate	Influenza A and B Virus Antigens by Immunoassay	Influenza A and B Virus RNA by Qualitative RT-PCR (36171), OR Respiratory Virus Mini Panel by Qualitative RT-PCR (36154)
21203	Immediate	Influenza A and B Virus Antigens by Immunoassay with Reflex to Respiratory Virus Mini Panel by Qualitative PCR	Influenza A and B Virus RNA by Qualitative RT-PCR (36171), OR Respiratory Virus Mini Panel by Qualitative RT-PCR (36154)
46127	11.26.2018	Iron, Urine, Random	Iron, Urine, 24-Hour (46126)
33199	11.26.2018	MVista Histoplasma Antigen, Quantitative EIA	MVista Histoplasma Quantitative Antigen by EIA (43780)
36172	11.26.2018	Respiratory Pathogens Panel by Qualitative PCR	Respiratory Pathogen Panel, PCR (36178)
21200	Immediate	Respiratory Syncytial Virus (RSV) Antigen by Immunoassay	Respiratory Virus Mini Panel by Qualitative RT-PCR (36154)
21201	Immediate	Respiratory Syncytial Virus (RSV) Antigen by Immunoassay with Reflex to Respiratory Virus Mini Panel by Qualitative PCR	Respiratory Virus Mini Panel by Qualitative RT-PCR (36154)
44219	11.12.2018	Sotalol, Serum or Plasma	N/A – Due to lack of utilization.
43645	10.22.2018	STRATIFY JCV Antibody with Reflex to Inhibition Assay	STRATIFY JCV Antibody (with Index) with Reflex to Inhibition Assay (43705)
46116	11.26.2018	Synthetic Cannabinoid Metabolites - Expanded, Urine (Qualitative)	Synthetic Cannabinoids Screen with Confirmation, Urine (43781)
44639	11-12.2018	Thiothixene, Serum or Plasma	N/A – Due to lack of utilization.
44361	Immediate	Toxocara Antibody, IgG	Toxocara Antibody, ELISA, Serum (43767)
29160	11.26.2018	Vanillylmandelic Acid, Urine, 24-Hour	Vanillylmandelic Acid (VMA), Urine (47682)
29260	11.26.2018	Vanillylmandelic Acid, Urine, Random	Vanillylmandelic Acid (VMA), Urine (47682)
45111	11.12.2018	Ziprasidone, Serum or Plasma	N/A – Due to lack of utilization.

NEW TEST

47680 5-Hydroxyindoleacetic Acid (HIAA), Urine

Available Now

Pricing on test code 23236 will be applied to test code 47680.

47156 Amphetamines, Quantitative, Urine

Effective November 12, 2018

Add component:

- 1647156 Phentermine, Urn, Quant

Change CPT to 80325; 80359

NEW TEST

43773 Anabolic Steroids Panel, Urine

Available Now

46070 Caffeine, Urine

Effective Immediately

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Chantilly.

Client price reduction

NEW TEST

47681 Catecholamines, Fractionated, Urine

Available Now

Pricing on test code 29130 will be applied to test code 47681.

46178 Chromium, Whole Blood

Effective Immediately

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

Client price reduction

45590 Circulating Tumor Cell Count

Minimum specimen volume increased to 16 mL (8 mL per tube).

Submit with Order: Source of metastatic cancer.

NEW TEST

43775 Coagulation Factor V Activity and Human Inhibitor

Available Now

46179 Cobalt, Whole Blood

Effective Immediately

This test previously performed at ARUP Laboratories will now be performed at Quest Diagnostics Nichols Institute, Valencia.

46123 Copper, RBCs

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

Client price reduction

47023 Eosinophil Cationic Protein (ECP)

Effective November 12, 2018

This test previously performed at Viracor Eurofins Clinical Diagnostics will now be performed at ARUP Laboratories.

Client price reduction

NEW TEST

43776 Flunitrazepam and Metabolites, Quantitative, Urine

Available Now

NEW TEST

43777 Fluoride, Urine

Available Now

44092 Fluoxetine and Metabolite, Serum or Plasma

Effective November 26, 2018

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

Add component:

- 1244092 Total (Fluoxetine+Nor), Serum/Plasma

Client price reduction

44544 Giardia lamblia Antibody by IFA

Effective Immediately

This previously discontinued test has been reactivated.

46028 Hydrocodone and Metabolite, Serum

Effective November 26, 2018

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

Name change; formerly "Hydrocodone, Free (Unconjugated), Serum or Plasma"

Add component:

- 1146028 Hydromorphone Free, Serum

Client price reduction

~~**45486 IA-2 Antibody**~~

~~Effective November 12, 2018~~

~~This test previously performed at ARUP Laboratories will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano.~~

~~Client price increase~~

45708 Ibuprofen, Serum or Plasma

Effective Immediately

This test previously performed at NMS Labs will now be performed at Quest Diagnostics, Pittsburgh.

Client price reduction

47227 Infliximab (IFX) or Biosimilar Activity and Neutralizing Antibody

Name change; formerly "Infliximab (IFX) and Infliximab-dyyb Activity and Neutralizing Antibody"

47620 Infliximab (IFX) or Biosimilar Activity with Reflex to Antibody

Name change; formerly "Infliximab (IFX) and Infliximab-dyyb with Reflex to Antibody"

36171 Influenza A and B Virus RNA by Qualitative RT-PCR

Effective Immediately

This previously discontinued test has been reactivated.

30053 Insulin-Like Growth Factor 1

Effective November 26, 2018

Add component:

- 1230053 IGF-1 Z-Score
-

47567 Interstitial Lung Disease Panel with Reflex to ANA Pattern(s) and Titer(s)

Effective November 12, 2018

Name change; formerly "Interstitial Lung Disease Panel"

Add components:

- 1044975 ANA Interpretive Comment
- 1044780 RNA Polymerase III Ab, IgG

Change CPT to 83516x9; 86039; 86200; 86235x5; 86431

Add reflex testing algorithm:

If ANA HEp-2 IgG screen is positive, then titration and staining pattern will be added.

47684 REFLEX: Antinuclear Antibody, Single Pattern and Titer

47685 REFLEX: Antinuclear Antibody, Dual Pattern and Titers

48686 REFLEX: Cytoplasmic Pattern Titer

46126 Iron, Urine, 24-Hour

Effective November 26, 2018

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Chantilly.

Remove component:

- 1046126 Iron, Urine - per volume

44138 Lipoprotein Electrophoresis

Change CPT to 80061; 83700

46131 Manganese, RBCs

Effective Immediately

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

Client price reduction

NEW TEST

43778 Methaqualone, Serum

Available Now

46105 Methaqualone, Urine

Effective Immediately

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Chantilly.

Client price reduction

46044 Molybdenum, Whole Blood

Effective Immediately

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

NEW TEST

43779 MVista Blastomyces Quantitative Antigen by EIA

Available Now

NEW TEST

43780 MVista Histoplasma Quantitative Antigen by EIA

Available Now

This test is offered for BAL or CSF specimens. Please refer to SBMF# 45934 for serum and SBMF# 45935 for urine.

NEW TEST

47414 Phosphatidylserine and Prothrombin Antibodies, IgG and IgM

Available Now

NEW TEST

47415 Phosphatidylserine and Prothrombin Antibody, IgG

Available Now

NEW TEST

47416 Phosphatidylserine Antibodies, IgG and IgM

Available Now

46134 Potassium, RBCs

Effective Immediately

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, San Juan Capistrano.

Client price reduction

44102 Propafenone, Serum or Plasma

Effective November 12, 2018

This test previously performed at ARUP Laboratories will now be performed at Quest Diagnostics Nichols Institute, Valencia.

Remove prompts / AOE questions:

- 1144102 Propafenone Dose
- 1244102 Propafenone Route
- 1344102 Propafenone Dose Frequency
- 1444102 Propafenone Type of Draw

Client price increase

NEW TEST

36178 Respiratory Pathogen Panel, PCR

Effective November 26, 2018

Client pricing for SBMF# 36172 will be applied to this new test.

46053 Selenium, Whole Blood

Effective Immediately

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

NEW TEST

43781 Synthetic Cannabinoids Screen with Confirmation, Urine

Available Now

NEW TEST

43782 Synthetic Stimulants, Quantitative, Urine

Available Now

NEW TEST

43767 Toxocara Antibody, ELISA, Serum

Available Now

NEW TEST

47682 Vanillylmandelic Acid (VMA), Urine

Available Now

NEW TEST

**47683 Vanillylmandelic Acid (VMA) and Homovanillic Acid (HVA),
Urine**

Available Now

46099 Vitamin B3 (Niacin and Metabolite), Serum or Plasma

Effective November 26, 2018

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

Name changed; formerly "Vitamin B3 (Niacin and Metabolites), Serum or Plasma"

Remove component:

- 1246099 Nicotinuric Acid, Serum/Plasma
-

45957 Vitamin B5 (Pantothenic Acid), Serum or Plasma

Effective Immediately

This test previously performed at Cambridge Biomedical Inc. will now be performed at Quest Diagnostics Nichols Institute, Valencia.

46137 Zinc, RBCs

Effective Immediately

This test previously performed at NMS Labs will now be performed at Quest Diagnostics Nichols Institute, Valencia.

Client price reduction

5-Hydroxyindoleacetic Acid (HIAA), Urine

SBMF#
47680

Mnemonic

U 5HIAA

CPT Code(s)

83497

Specimen Information

Patient Prep:	Patients should abstain, if possible, from medications, over-the-counter drugs, and herbal remedies for at least 72 hours prior to the test. Foods rich in serotonin (avocados, bananas, eggplant, pineapple, plums, tomatoes, walnuts) and medications that may affect metabolism of serotonin must be avoided at least 72 hours before and during collection of urine for HIAA.
Specimen:	Urine, 24-hour or Random
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	4 mL
Minimum Volume:	1 mL
Collect:	24-hour or random urine collection. Refrigerate 24-hour specimens during collection. Patient Instructions for 24-Hour Urine Collection; No Preservative Added
Specimen Processing:	Aliquot urine from a well-mixed random or 24-hour collection to a screw-capped plastic transport tube. Record total volume and collection time interval on transport tube and test request form.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Any sample except urine.
Remarks:	Please see Note for a more comprehensive list of dietary restrictions.
Stability:	Room temperature: Unacceptable Refrigerated: 1 week Frozen: 2 months

Components

Hours Collected; Total Volume; Creatinine, Urine - per volume; Creatinine, Urine - per 24h; 5-HIAA Urine - per volume; 5-HIAA Urine - per 24h; 5-HIAA Urine - ratio to CRT; 5-HIAA Urine Interpretation

Also Known As

5-HIAA; 5-OH-Indoleacetic Acid; Hydroxyindoleacetic Acid; Serotonin Metabolite

Test Type

HORMONE

Methodology

Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry

Performance Laboratory

ARUP Laboratories

Reference Lab Test Code

[0080420](#)

Anabolic Steroids Panel, Urine

SBMF#
43773

Mnemonic

U AS PANEL

CPT Code(s)

80328
Medicare (HCPCS) Code(s): G0480

Medicare Coverage

Local Coverage Determination (LCD): Drug Testing ([L34645](#))

Specimen Information

Specimen:	Urine, Random
Container:	Screw-capped, plastic container (preservative-free)
Alternate Specimen:	Catheterized urine, Bladder washings
Requested Volume:	50 mL
Minimum Volume:	25 mL
Collect:	Random urine collection.
Specimen Processing:	Collect and transport urine in a plastic container with no additives or preservatives. Keep container tightly sealed. Refrigerate promptly after collection.
Storage/Transport Temp:	Refrigerated.
Stability:	Room temperature: 7 days Refrigerated: 30 days Frozen: 30 days

Components

Anabolic Agents; Masking Agents

Also Known As

Androgenic Steroids; Anabolic Steroids; Sports I Expanded

Test Type

TOX-TDM

Methodology

Gas Chromatography/Mass Spectrometry (GC/MS)

Performance Laboratory

Quest Diagnostics-Lenexa (via Quest SJC)

Reference Lab Test Code

38555X

Caffeine, Urine

SBMF#
46070

Mnemonic

U CAF

CPT Code(s)

80155

Specimen Information

Specimen:	Urine
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	1 mL
Minimum Volume:	0.2 mL
Collect:	Random urine.
Storage/Transport Temp:	Refrigerated.
Stability:	Room temperature: 72 hours Refrigerated: 14 days Frozen: 30 days

Components

Caffeine

Also Known As

No-Doz

Test Type

TOX-TDM

Methodology

Immunoassay (IA)

Performance Laboratory

Quest Diagnostics Nichols Institute, Chantilly
(via Quest SJC)

Reference Lab Test Code

37266X

Catecholamines, Fractionated, Urine Free

SBMF#
47681

Mnemonic

U CATE F

CPT Code(s)

82384

Specimen Information

Patient Prep:	Drugs and medications may affect results and should be discontinued for at least 72 hours prior to specimen collection, if possible.
Specimen:	Urine, 24-hour or Random
Container:	Screw-capped, plastic container
Requested Volume:	4 mL
Minimum Volume:	2.5 mL
Collect:	24-hour or random urine collection. Refrigerate 24-hour specimens during collection. Patient Instructions for 24-Hour Urine Collection: No Preservative Added
Specimen Processing:	Aliquot urine from a well-mixed random or 24-hour collection to a screw-capped plastic transport tube. Record total volume and collection time interval on transport tube and test request form. Catecholamines are not stable above pH 7. The pH of such specimens must be adjusted by the addition of 6M HCl acid or sulfamic acid prior to transport. A pH less than 2 can cause assay interference. Specimen preservation can be extended to 1 month refrigerated by performing one of the following: Option 1: Aliquot urine to a screw-capped plastic transport tube. Adjust pH to 2.0-4.0 with 6M HCl. Option 2: Aliquot to an ARUP Transport Tube containing 20 mg sulfamic acid (ARUP Supply #48098)
Storage/Transport Temp:	Refrigerated. Also acceptable: Frozen.
Rejection Criteria:	Specimens preserved with boric acid or acetic acid. Specimens with pH greater than 7.
Stability:	Room temperature: Unacceptable Refrigerated: 1 week (unpreserved), 1 month (preserved) Frozen: 6 months (preserved)

Components

Hours Collected; Total Volume; Creatinine, Urine - per volume; Creatinine, Urine - per 24h; Epinephrine, Urine - per 24h; Epinephrine, Urine - ratio to CRT; Epinephrine, Urine - per volume; Norepinephrine, Urine - per 24h; Norepinephrine, Urine - ratio to CRT; Norepinephrine, Urine - per volume; Dopamine, Urine - per 24h; Dopamine, Urine - ratio to CRT; Dopamine, Urine - per volume; Catecholamines, Urine Interpretation

Also Known As

Adrenaline; Dopamine; Epinephrine; Fractionation, Catecholamines; Free Catecholamine Fractionation; Noradrenaline; Norepinephrine

Test Type

HORMONE

Methodology

Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry

Performance Laboratory

ARUP Laboratories

Reference Lab Test Code

[0080407](#)

Chromium, Whole Blood

SBMF#
46178

Mnemonic

CHROMIUM B

CPT Code(s)

82495

Specimen Information

Patient Prep:	Patient should refrain from taking mineral supplements and multi-vitamin three days before specimen collection.
Specimen:	Whole blood
Container:	Royal Blue top (EDTA; Trace element-free) tube
Requested Volume:	4 mL
Minimum Volume:	0.7 mL
Collect:	To avoid contamination, use powderless gloves. Standard phlebotomy procedure. Draw one (Royal Blue top) tube of blood and discard. Draw second (Royal Blue top) tube for testing. Mix by inverting tube 8 times.
Specimen Processing:	Transport whole blood in the original collection tube. Do not centrifuge. Do not aliquot specimens.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Clotted specimens.
Stability:	Room temperature: 48 hours Refrigerated: 7 days Frozen: Unacceptable

Components

Cr; Chromium

Test Type

METAL/ELEMENT

Methodology

Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

6085

Circulating Tumor Cell Count

SBMF#
45590

Mnemonic

CTC COUNT

CPT Code(s)

86152; 86153

Medicare Coverage

Determined to be not medically necessary by Medicare.

Local Coverage Determination (LCD): MoIDX: Molecular Diagnostic Tests (MDT) ([L36807](#))

Local Coverage Determination (LCD): MoIDX: Circulating Tumor Cell Marker Assays [L35071](#)

Submit With Order

Source of metastatic cancer.

Specimen Information

Patient Prep:	If the patient is on doxorubicin therapy, allow at least 7 days following administration of a dose of doxorubicin before blood draw.
Specimen:	Whole blood
Container:	Two (2) CellSave Preservative tubes
Requested Volume:	20 mL
Minimum Volume:	16 mL (8 mL per tube)
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transport whole blood in the original collection tubes. Do not centrifuge. Do not aliquot specimens.
Storage/Transport Temp:	Room temperature.
Rejection Criteria:	Specimens not collected in the CellSave tube or collected in expired CellSave tubes. Short draws.
Remarks:	This assay is FDA approved only for breast, colorectal, or prostate metastatic cancers; other types will not be tested.
Stability:	Room temperature: 4 days Refrigerated: Unacceptable Frozen: Unacceptable

Also Known As

Cell Search™; CellSearch™; Circulating Tumor Cells, Breast, Colon, Prostate; CTC

Test Type

TUMOR MARKER

Methodology

Immunomagnetic Separation; Immunofluorescent Stain; Computer Assisted Analysis

Performance Laboratory

ARUP Laboratories

Reference Lab Test Code

[0093399](#)

Coagulation Factor V Activity and Human Inhibitor

SBMF#
43775

Mnemonic

F5 W/INHIB

CPT Code(s)

85220; 85335

Specimen Information

Specimen:	Platelet-poor plasma (PPP)
Container:	Light Blue top (Sodium Citrate) tube(s)
Requested Volume:	4 mL (Two 2 mL aliquots)
Minimum Volume:	2 mL (Two 1 mL aliquots)
Collect:	<ul style="list-style-type: none"> • NOTE: Traumatic puncture invalidates sample for coagulation studies and necessitates recollection • Observe proper collection order for coagulation tests; collect tubes for coagulation studies prior to collecting tubes containing clot activators, additives, or anticoagulants • Fill Light Blue top tubes to stated tube volume • If coagulation study is only test ordered, collect 1-2 mL blood into tube for discard, then collect Light Blue top coagulation study tube(s) • If multiple coagulation studies are requested, submit additional samples for each coagulation test • Immediately after collection, mix by gently inverting tubes 3-4 times
Specimen Processing:	<ul style="list-style-type: none"> Separate plasma from cells immediately • Promptly centrifuge 15 minutes • Carefully transfer plasma portion of sample to separate plastic tube using plastic pipette • NOTE: Platelet/Buffy coat layer of sample must be avoided • Centrifuge transferred plasma sample again to produce platelet-poor plasma (PPP) • Use second plastic pipette to carefully transfer top portion of plasma leaving approximately 250 mcL discard in bottom of tube • Aliquot PPP into clearly labeled plastic tubes • Immediately freeze PPP samples
Storage/Transport Temp:	CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.
Rejection Criteria:	Thawed plasma.
Stability:	Room temperature: Unacceptable Refrigerated: Unacceptable Frozen: 14 days Deep-frozen (-70°C): 1 year

Components

Factor V Activity; Factor V Inhibitor

Test Type

COAGULATION

Methodology

Clot-Based

Performance Laboratory

Quest Diagnostics Nichols Institute, SJC

Reference Lab Test Code

17844X

Cobalt, Whole Blood

SBMF#
46179

Mnemonic

COBALT B

CPT Code(s)

83018

Specimen Information

Patient Prep:	Patient should refrain from taking mineral supplements, vitamin B12 or vitamin B complex 3 days prior to specimen collection.
Specimen:	Whole blood
Container:	Royal Blue top (EDTA; Trace element-free) tube
Alternate Container:	Royal Blue top (Sodium Heparin; Trace element-free) tube
Requested Volume:	4 mL
Minimum Volume:	2 mL
Collect:	Avoid worksite collection. To avoid contamination, use powderless gloves. Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transport whole blood in the original collection tube. Do not centrifuge. Do not aliquot specimens.
Storage/Transport Temp:	Refrigerated.
Stability:	Room temperature: 48 hours Refrigerated: 5 days Frozen: Unacceptable

Components

Co; Cobalt

Test Type

METAL/ELEMENT

Methodology

Quantitative Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

35417

Copper, RBCs

SBMF#
46123

Mnemonic	CPT Code(s)
CU RBC	82525

Specimen Information

Patient Prep:	Thoroughly wash the collection site with soap and water, then prep with an alcohol swab.
Specimen:	RBCs
Container:	Royal Blue top (EDTA; Trace element-free) tube
Alternate Container:	Lavender top (EDTA), Royal Blue top (Sodium Heparin; Trace element-free), Green top (Sodium Heparin), Tan top (Sodium Heparin, Lead-free), or Green top (Lithium Heparin) tube
Requested Volume:	0.5 mL
Minimum Volume:	0.3 mL
Collect:	Care should be taken to avoid contamination by outside sources. Avoid worksite collections. All materials used for collection should be metal free.
Specimen Processing:	Standard phlebotomy procedure. Mix by inverting tube 8 times. Centrifuge whole blood and separate RBCs from plasma within 2 hours of collection. Discard plasma. Transfer RBCs to a screw-capped trace element-free transport tube.
Storage/Transport Temp:	Room temperature.
Rejection Criteria:	Clotted, hemolyzed, or frozen specimens.
Stability:	Room temperature: 10 days Refrigerated: 10 days Frozen: Unacceptable

Test Type	Methodology
METAL/ELEMENT	Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Performance Laboratory	Reference Lab Test Code
Quest Diagnostics Nichols Institute, Valencia (via Quest SJC)	3481

Eosinophil Cationic Protein (ECP) [Effective 11-12-2018]

SBMF#
47023

Mnemonic	CPT Code(s)
ECP	83520

Medicare Coverage

Considered experimental and/or investigational by Medicare.
Local Coverage Determination (LCD): Allergy Testing ([L36402](#))

Specimen Information

Specimen:	Serum
Container:	Gold top (SST) tube
Requested Volume:	1 mL
Minimum Volume:	0.25 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 5 times. Do not shake or vortex the tube.
Specimen Processing:	Release ECP by clotting for 60-120 minutes at room temperature (20-24°C). Centrifuge at 1000-1300 x g for 10 minutes at room temperature. Transfer serum to a screw-capped plastic transport tube.
Storage/Transport Temp:	Frozen.
Rejection Criteria:	Plasma. Hemolyzed specimens.
Stability:	After separation from cells: Room temperature: 48 hours Refrigerated: 5 days Frozen: 30 days

Also Known As

ECP

Test Type

IMMUNOLOGY

Methodology

Quantitative Fluorescent Enzyme Immunoassay (FEIA)

Performance Laboratory

ARUP Laboratories

Reference Lab Test Code

[3000537](#)

Flunitrazepam and Metabolites, Quantitative, Urine

SBMF#
43776

Mnemonic

U FNZ QNT

CPT Code(s)

80346

Medicare (HCPCS) Code(s): G0480

Medicare Coverage

Local Coverage Determination (LCD): Drug Testing ([L34645](#))

Specimen Information

Specimen:	Urine, Random
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	2 mL
Minimum Volume:	1 mL
Collect:	Random urine collection.
Specimen Processing:	Collect and transport urine in a plastic container with no additives or preservatives. Keep container tightly sealed. Refrigerate promptly after collection.
Storage/Transport Temp:	Refrigerated.
Stability:	Room temperature: Unacceptable Refrigerated: 14 days Frozen: 60 days

Components

Flunitrazepam; 7-Aminoflunitrazepam; N-Desmethyflunitrazepam

Also Known As

Rohypnol

Test Type

TOX-TDM

Methodology

Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

18886

Fluoride, Urine

SBMF#
43777

Mnemonic

U FL

CPT Code(s)

82735

Specimen Information

Specimen:	Urine, Random
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	20 mL
Minimum Volume:	5 mL
Collect:	Random urine collection.
Specimen Processing:	Collect and transport urine in a plastic container with no additives or preservatives. Keep container tightly sealed.
Storage/Transport Temp:	Frozen.
Stability:	Room temperature: 72 hours Refrigerated: 7 days Frozen: Not Established

Components

Creatinine; Fluoride

Also Known As

Fluoride Exposure Biouptake

Test Type

METAL/ELEMENT

Methodology

Ion Specific Electrode (ISE)

Performance Laboratory

Quest Diagnostics Nichols Institute, Chantilly
(via Quest SJC)

Reference Lab Test Code

37402X

Fluoxetine and Metabolite, Serum or Plasma

[Effective 11-26-2018]

SBMF#
44092

Mnemonic

FLX/MTB SP

CPT Code(s)

80332

Medicare (HCPCS) Code(s): G0480

Medicare Coverage

Local Coverage Determination (LCD): Drug Testing ([L34645](#))

Specimen Information

Patient Prep:	Collect at steady-state trough concentration. Specimen should be collected at least 12 hours after dose.
Specimen:	Serum or plasma
Container:	Red top (Serum) tube
Alternate Container:	Lavender top (EDTA), Green top (Sodium Heparin), or Green top (Lithium Heparin) tube
Requested Volume:	1 mL
Minimum Volume:	0.5 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transfer serum or plasma to a screw-capped plastic transport tube.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Grossly hemolyzed specimens. Gel-barrier (SST or PST) tubes are not acceptable.
Stability:	Room temperature: 48 hours Refrigerated: 5 days Frozen: 30 days

Components

Fluoxetine; Norfluoxetine; Total

Also Known As

Prozac®

Test Type

TOX-TDM

Methodology

Chromatography/Mass Spectrometry

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

8389

Giardia lamblia Antibody by IFA

SBMF#
44544

Mnemonic

GIARDIA AB

CPT Code(s)

86674

Specimen Information

Specimen:	Serum
Container:	Red top (Serum) tube
Requested Volume:	1 mL
Minimum Volume:	0.1 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 5 times.
Specimen Processing:	Transfer serum to a screw-capped plastic transport tube.
Storage/Transport Temp:	Room temperature.
Stability:	Room temperature: 7 days Refrigerated: 14 days Frozen: 30 days

Also Known As

Giardia Ab, IFA; Giardia Antibody, IFA

Test Type

INFECTIOUS ANTIBODY

Methodology

Immunofluorescence Assay (IFA)

Performance Laboratory

Quest Diagnostics Infectious Disease, Inc. (via
Quest SJC)

Reference Lab Test Code

34265X

Hydrocodone and Metabolite, Serum [Effective 11-26-2018]

SBMF#
46028

Mnemonic

FHYC SP

CPT Code(s)

80361

Medicare (HCPCS) Code(s): G0480

Medicare Coverage

Local Coverage Determination (LCD): Drug Testing ([L34645](#))

Specimen Information

Specimen:	Serum
Container:	Red top (Serum) tube
Requested Volume:	5 mL
Minimum Volume:	2.5 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 5 times.
Specimen Processing:	Allow specimen to clot completely at room temperature. Centrifuge to separate from cells and transfer serum to a screw-capped plastic transport tube.
Storage/Transport Temp:	Room temperature.
Rejection Criteria:	Gel-barrier (SST) tubes are not acceptable.
Stability:	Room temperature: 7 days Refrigerated: 14 days Frozen: 14 days

Components

Hydrocodone Free; Hydromorphone Free

Also Known As

Vicodin®

Test Type

TOX-TDM

Methodology

Chromatography/Mass Spectrometry

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

90489

~~IA-2 Antibody~~
~~[Effective 11-12-2018]~~

~~SBMF#~~
45486

~~Mnemonic~~ ~~CPT Code(s)~~
IA-2 86344

~~Specimen Information~~

~~Specimen:~~ Serum
~~Container:~~ Gold top (SST) or Red top (Serum) tube
~~Requested Volume:~~ 1 mL
~~Minimum Volume:~~ 0.5 mL
~~Collect:~~ Standard phlebotomy procedure. Mix by inverting tube 5 times.
~~Specimen Processing:~~ Transfer serum to a screw-capped plastic transport tube.
~~Storage/Transport Temp:~~ Refrigerated.
~~Stability:~~ Room temperature: 48 hours
Refrigerated: 7 days
Frozen: 3 years

~~Also Known As~~

~~Anti-IA2 Antibodies; IA-2; ICA-512; Islet Antigen 2; Islet Cell Antibody; Islet Cell Antigen (ICA) 512;
Tyrosine Phosphatase-Like Protein Antibodies; tyrosine phosphatase-related islet antigen 2~~

~~Test Type~~ ~~Methodology~~
IMMUNOLOGY Radiobinding Assay (RBA)

~~Performance Laboratory~~ ~~Reference Lab Test Code~~
Quest Diagnostics Nichols Institute, SJC 86736N

Ibuprofen, Serum or Plasma

SBMF#
45708

Mnemonic

IBUPRO

CPT Code(s)

80329

Medicare (HCPCS) Code(s): G0480

Medicare Coverage

Local Coverage Determination (LCD): Drug Testing ([L34645](#))

Specimen Information

Specimen:	Serum or plasma
Container:	Red top (Serum) tube
Alternate Container:	Green top (Sodium Heparin), Lavender top (EDTA), or Gray top (Fluoride/Oxylate) tube
Requested Volume:	2 mL
Minimum Volume:	1 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transfer serum or plasma to a screw-capped plastic transport tube.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Polymer gel separation tube (SST or PST).
Stability:	Room temperature: 5 days Refrigerated: 14 days Frozen: 1 year

Components

Ibuprofen

Also Known As

Advil®; Motrin®; Nuprin®

Test Type

TOX-TDM

Methodology

High Performance Liquid Chromatography (HPLC)

Performance Laboratory

Quest Diagnostics Pittsburgh (via Quest SJC)

Reference Lab Test Code

5136

Influenza A and B Virus RNA by Qualitative RT-PCR

**SBMF#
36171**

Mnemonic	CPT Code(s)
FLU AB PCR	87502

Specimen Information

Patient Prep:	<ul style="list-style-type: none"> Instruct the patient to blow their nose. Place the patient in a seated position with head against a fixed object (e.g. a wall) to prevent the patient from pulling away during this procedure. Tilt the patient's head back at a 70 degree angle.
Specimen:	Nasopharyngeal swab
Container:	Universal Transport Media (UTM)
Requested Volume:	1 flocked swab in 3 mL UTM
Collect:	<ul style="list-style-type: none"> Insert a flexible minitip flocked swab (SBMF Stock Item #10349 (pediatric) or #10350 (adult)) into one nostril straight back (not upwards) and continue along the floor of the nasal passage for several centimeters until reaching the nasopharynx (resistance will be met). The distance from the nose to the ear gives an estimate of the distance the swab should be inserted. Do not force the swab, if obstruction is encountered before reaching the nasopharynx, remove the swab and try the other nostril. Rotate the swab gently for 5-10 seconds to loosen the epithelial cells.
Specimen Processing:	<ul style="list-style-type: none"> Remove the swab and immediately insert the swab into the transport media tube. Place the swab head at least one-half inch below the surface of the media, and swirl the swab in the media. Break the swab shaft and leave the swab in the tube. Attach the cap securely. Label specimen with two patient identifiers, the collection date and time, and the collector's identification. Place each specimen in a separate, individually sealed bag.
Storage/Transport Temp:	Refrigerated (72 hours) or deep-frozen.
Rejection Criteria:	Cotton or calcium alginate swabs. Swabs with wood shafts.
Stability:	Refrigerated: 72 hours Greater than 72 hours: Deep-freeze at -70°C

Components

Influenza A; Influenza B

Test Type	Methodology
INFECTIOUS ORGANISM	Qualitative Multiplex Real-Time RT-PCR

Performance Laboratory

SBMF Hospital Division Laboratories

Iron, Urine, 24-Hour [Effective 11-26-2018]

SBMF#
46126

Mnemonic	CPT Code(s)
U FE24	83540

Specimen Information

Specimen:	Urine, 24-hour
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	10 mL aliquot
Minimum Volume:	6 mL
Collect:	24-hour urine collection. Refrigerate during collection. Patient Instructions for 24-Hour Urine Collection; No Preservative Added
Specimen Processing:	Aliquot urine from a well-mixed 24-hour collection into screw-capped plastic transport tubes. Record total volume and collection time interval on transport tubes and test request form.
Storage/Transport Temp:	Refrigerated.
Stability:	Room temperature: 4 days Refrigerated: 14 days Frozen: 30 days

Components

Iron; Urine Volume

Test Type	Methodology
METAL/ELEMENT	Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Performance Laboratory	Reference Lab Test Code
Quest Diagnostics Nichols Institute, Chantilly (via Quest SJC)	17515

Manganese, RBCs

SBMF#
46131

Mnemonic

MN RBC-

CPT Code(s)

83785

Specimen Information

Patient Prep:	TIME SENSITIVE – Do not collect if transport time will exceed 72 hours. Thoroughly wash the collection site with soap and water, then prep with an alcohol swab.
Specimen:	Whole blood
Container:	Royal Blue top (EDTA; Trace element-free) tube
Alternate Container:	Royal Blue top (Sodium Heparin; Trace element-free), Green top (Sodium Heparin), or Lavender top (EDTA) tube
Requested Volume:	2 mL
Minimum Volume:	1 mL
Collect:	Care should be taken to avoid contamination by outside sources. Avoid worksite collections. All materials used for collection should be metal free. Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transport whole blood in the original collection tube. Do not centrifuge. Do not aliquot specimens.
Storage/Transport Temp:	Refrigerated.
Stability:	Room temperature: 72 hours Refrigerated: 72 hours Frozen: Unacceptable

Also Known As

RBC Manganese

Test Type

METAL/ELEMENT

Methodology

Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

16594

Methaqualone, Serum or Plasma

SBMF#
43778

Mnemonic

MTQ SP

CPT Code(s)

80368
Medicare (HCPCS) Code(s): G0480

Medicare Coverage

Local Coverage Determination (LCD): Drug Testing ([L34645](#))

Specimen Information

Specimen:	Serum or plasma
Container:	Red top (Serum) tube
Alternate Container:	Royal Blue top (No Additive; Trace element-free) or Gray top (Fluoride/Oxalate) tube
Requested Volume:	5 mL
Minimum Volume:	1.5 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transfer serum or plasma to a screw-capped plastic transport tube.
Storage/Transport Temp:	Refrigerated.
Stability:	Room temperature: 72 hours Refrigerated: 14 days Frozen: 30 days

Also Known As

Methaqualone, GC/MS, Serum; Quaalude

Test Type

TOX-TDM

Methodology

Gas Chromatography/Mass Spectrometry (GC/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Chantilly
(via Quest SJC)

Reference Lab Test Code

645

Methaqualone, Urine

SBMF#
46105

Mnemonic

U MTQ QNT

CPT Code(s)

80368
Medicare (HCPCS) Code(s): G0480

Medicare Coverage

Local Coverage Determination (LCD): Drug Testing ([L34645](#))

Specimen Information

Specimen:	Urine
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	30 mL
Minimum Volume:	1.5 mL
Collect:	Random urine collection.
Specimen Processing:	Collect and transport urine in a screw-capped plastic container with no additives or preservatives. Keep container tightly sealed. Refrigerate promptly after collection.
Storage/Transport Temp:	Refrigerated.
Stability:	Room temperature: 5 days Refrigerated: 21 days Frozen: 1 year

Components

Methaqualone

Also Known As

Methaqualone, GC/MS, Urine; Quaalude

Test Type

TOX-TDM

Methodology

Gas Chromatography/Mass Spectrometry (GC/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Chantilly
(via Quest SJC)

Reference Lab Test Code

6197Z

Molybdenum, Whole Blood

SBMF#
46044

Mnemonic

MO WB

CPT Code(s)

83018

Specimen Information

Patient Prep:	Patient should refrain from taking mineral supplements 3 days before specimen collection and from eating legumes and leafy vegetables 2 days before specimen collection.
Specimen:	Whole blood
Container:	Royal Blue top (EDTA; Trace element-free) tube
Requested Volume:	4 mL
Minimum Volume:	2 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transport whole blood in the original collection tube. Do not centrifuge. Do not aliquot specimens.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Grossly hemolyzed or clotted specimens. Received room temperature. Received frozen.
Stability:	Room temperature: 48 hours Refrigerated: 5 days Frozen: Unacceptable

Components

Molybdenum

Also Known As

Mo

Test Type

METAL/ELEMENT

Methodology

Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

38583

MVista Blastomyces Quantitative Antigen by EIA

SBMF#
43779

Mnemonic	CPT Code(s)
MVISTABDAG	87449

Specimen Information

Specimen:	Bronchoalveolar lavage (BAL), Cerebrospinal fluid (CSF), or Urine
Container:	Screw-capped, sterile container
Alternate Specimen:	Serum or plasma
Alternate Container:	Red top (Serum), Lavender top (EDTA), Green top (Sodium Heparin), Green top (Lithium Heparin), or Blue top (Sodium Citrate) tube
Requested Volume:	2 mL
Minimum Volume:	BAL or Urine: 0.5 mL CSF: 0.8 mL Serum/Plasma: 1.2 mL
Collect:	Serum/Plasma: Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Serum/Plasma: Allow serum specimen to clot completely at room temperature. Separate from cells and transfer serum or plasma to a screw-capped plastic transport tube. Other fluids: Collect and transport BAL, CSF, or urine in a sterile leak-proof container.
Storage/Transport Temp:	Room temperature.
Rejection Criteria:	Tissue, biopsy, sputum, bronchial brush, tracheal aspirate, FNA, bone marrow aspirate, or stool. Samples in transport media, fixative or Isolator tubes.
Stability:	Room temperature: 14 days Refrigerated: 14 days Frozen: Indefinitely

Test Type	Methodology
INFECTIOUS ORGANISM	Quantitative Sandwich Enzyme Immunoassay (EIA)

Performance Laboratory	Reference Lab Test Code
MiraVista Diagnostics (via Quest SJC)	Quest# 15109 MVista# 316

MVista Histoplasma Quantitative Antigen by EIA

SBMF#
43780

Mnemonic	CPT Code(s)
MVISTAHCAG	87385

Specimen Information

Specimen:	Bronchoalveolar lavage (BAL), Cerebrospinal fluid (CSF), or Urine
Container:	Screw-capped, sterile container
Alternate Specimen:	Serum or plasma
Alternate Container:	Red top (Serum), Lavender top (EDTA), Green top (Sodium Heparin), Green top (Lithium Heparin), or Blue top (Sodium Citrate) tube
Requested Volume:	2 mL
Minimum Volume:	BAL or Urine: 0.5 mL CSF: 0.8 mL Serum/Plasma: 1.2 mL
Collect:	Serum/Plasma: Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Serum/Plasma: Allow serum specimen to clot completely at room temperature. Separate from cells and transfer serum or plasma to a screw-capped plastic transport tube. Other fluids: Collect and transport BAL, CSF, or urine in a sterile leak-proof container.
Storage/Transport Temp:	Room temperature.
Rejection Criteria:	Tissue, biopsy, sputum, bronchial brush, tracheal aspirate, FNA, bone marrow aspirate, or stool. Samples in transport media, fixative or Isolator tubes.
Stability:	Room temperature: 14 days Refrigerated: 14 days Frozen: Indefinitely

Test Type	Methodology
INFECTIOUS ORGANISM	Quantitative Sandwich Enzyme Immunoassay (EIA)

Performance Laboratory	Reference Lab Test Code
MiraVista Diagnostics (via Quest SJC)	Quest# 58792 MVista# 310

Phosphatidylserine and Prothrombin Antibodies, IgG and IgM

SBMF#
47414

Mnemonic

APS/PT PAN

CPT Code(s)

83516x2

Specimen Information

Specimen:	Serum or plasma
Container:	Gold top (SST) or Red top (Serum) tube
Alternate Container:	Light Blue top (Sodium Citrate) tube
Requested Volume:	0.5 mL
Minimum Volume:	0.15 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transfer serum or plasma to a screw-capped plastic transport tube.
Storage/Transport Temp:	Refrigerated. Also acceptable: Frozen.
Rejection Criteria:	Other body fluids. Contaminated, hemolyzed, grossly icteric, or severely lipemic specimens.
Stability:	After separation from cells: Room temperature: 48 hours Refrigerated: 2 weeks Frozen: 1 year (avoid repeated freeze/thaw cycles)

Components

Phosphatidylserine and Prothrombin IgG; Phosphatidylserine and Prothrombin IgM

Test Type

IMMUNOLOGY

Methodology

Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)

Performance Laboratory

ARUP Laboratories

Reference Lab Test Code

[2009451](#)

Phosphatidylserine and Prothrombin Antibody, IgG

SBMF#
47415

Mnemonic

APS/PT G

CPT Code(s)

83516

Specimen Information

Specimen:	Serum or plasma
Container:	Gold top (SST) or Red top (Serum) tube
Alternate Container:	Light Blue top (Sodium Citrate) tube
Requested Volume:	0.5 mL
Minimum Volume:	0.15 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transfer serum or plasma to a screw-capped plastic transport tube.
Storage/Transport Temp:	Refrigerated. Also acceptable: Frozen.
Rejection Criteria:	Other body fluids. Contaminated, hemolyzed, grossly icteric, or severely lipemic specimens.
Stability:	After separation from cells: Room temperature: 48 hours Refrigerated: 2 weeks Frozen: 1 year (avoid repeated freeze/thaw cycles)

Test Type

IMMUNOLOGY

Methodology

Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)

Performance Laboratory

ARUP Laboratories

Reference Lab Test Code

[2009447](#)

Phosphatidylserine Antibodies, IgG and IgM

SBMF#
47416

Mnemonic
PHOSSER GM

CPT Code(s)
86148x2

Specimen Information

Specimen:	Serum
Container:	Gold top (SST) or Red top (Serum) tube
Requested Volume:	0.5 mL
Minimum Volume:	0.3 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 5 times.
Specimen Processing:	Separate from cells ASAP or within 2 hours of collection. Transfer serum to a screw-capped plastic transport tube.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Heat-inactivated, contaminated, grossly icteric, grossly hemolyzed, or severely lipemic specimens.
Stability:	After separation from cells: Room temperature: 48 hours Refrigerated: 2 weeks Frozen: 1 year (avoid repeated freeze/thaw cycles)

Components

Phosphatidylserine Antibody IgG; Phosphatidylserine Antibody IgM

Also Known As

Anti-Phosphatidylserine; Anti-Phosphatidylserine (aPS); Antiphosphatidylserine

Test Type

IMMUNOLOGY

Methodology

Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)

Performance Laboratory

ARUP Laboratories

Reference Lab Test Code

[2006495](#)

Potassium, RBCs

SBMF#
46134

Mnemonic

K RBC

CPT Code(s)

84132

Specimen Information

Patient Prep:	TIME SENSITIVE – Do not collect if transport time will exceed 72 hours.
Specimen:	Whole blood
Container:	Green top (Sodium Heparin) or Green top (Lithium Heparin) tube
Requested Volume:	4 mL
Minimum Volume:	1.5 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transport whole blood in the original collection tube. Do not centrifuge. Do not aliquot specimens.
Storage/Transport Temp:	Room temperature
Rejection Criteria:	Received frozen.
Stability:	Room temperature: 72 hours Refrigerated: 72 hours Frozen: Unacceptable

Components

Potassium

Test Type

GAS-LYTE

Methodology

Ion Selective Electrode (ISE)

Performance Laboratory

Quest Diagnostics Nichols Institute, SJC

Reference Lab Test Code

3382

Propafenone, Serum or Plasma [Effective 11-12-2018]

SBMF#
44102

Mnemonic

PROPAFE

CPT Code(s)

80299

Specimen Information

Patient Prep:	Draw sample 2-6 hours post oral dose
Specimen:	Serum or plasma
Container:	Red top (Serum) tube
Alternate Container:	Green top (Sodium Heparin) tube
Requested Volume:	1 mL
Minimum Volume:	0.5 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transfer serum or plasma to a screw-capped plastic transport tube.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Polymer gel separation tube (SST or PST)
Stability:	Room temperature: 5 days Refrigerated: 7 days Frozen: 30 days

Also Known As

Rythmol; Rytmonorm

Test Type

TOX-TDM

Methodology

Chromatography/Mass Spectrometry

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

6278

Respiratory Pathogen Panel, PCR [Effective 11-26-2018]

SBMF#
36178

Mnemonic	CPT Code(s)
RP PANEL	87633

Specimen Information

Specimen:	Nasopharyngeal swab or nasal washing
Container:	Viral transport media (Microtest M4, M6, or UTM)
Requested Volume:	One (1) flocked swab
Collect:	Insert flocked nasopharyngeal swab into patient's nasal passage until a slight resistance is met Rotate swab 2-3 times and hold swab in place for 5 seconds to ensure maximum absorbency Withdraw swab and repeat procedure in other nares with the same swab Remove swab, place in vial of viral transport media (M4, M6 or UTM), and break off shaft at molded breakpoint <i>NOTE:</i> Also refer to SBMF publications: P-1035 Nasopharyngeal Specimen Collection Instructions P-1173 Pediatric Nasopharyngeal Specimen Collection Instructions
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Wood-shafted swabs. Calcium alginate swabs. Specimen types other than those listed.
Stability:	Room temperature: 4 hours Refrigerated: 3 days Frozen: 30 days

Components

VIRAL TARGETS

Adenovirus	Influenza A H1	Parainfluenza 2
Coronavirus (229E, HKU1, NL63, OC43)	Influenza A H1-2009	Parainfluenza 3
Human Metapneumovirus	Influenza A H3	Parainfluenza 4
Human Rhinovirus/Enterovirus	Influenza B	Respiratory Syncytial Virus A
Influenza A	Parainfluenza 1	Respiratory Syncytial Virus B

BACTERIAL TARGETS

Chlamydia pneumoniae
Mycoplasma pneumoniae

Also Known As

Respiratory Viral and Bacterial Panel; Respiratory Virus and Bacteria Panel; Respiratory Virus Panel

Test Type

INFECTIOUS ORGANISM

Methodology

Multiplex Polymerase Chain Reaction (PCR)

Performance Laboratory

SBMF Flow Cytometry / Molecular Pathology

Selenium, Whole Blood

SBMF#
46053

Mnemonic

SE BLD

CPT Code(s)

84255

Specimen Information

Patient Prep:	Thoroughly wash the collection site with soap and water, then prep with an alcohol swab.
Specimen:	Whole blood
Container:	Royal Blue top (EDTA; Trace element-free) tube
Alternate Container:	Royal Blue top (Sodium Heparin; Trace element-free), Green top (Sodium Heparin), or Lavender top (EDTA) tube
Requested Volume:	2 mL
Minimum Volume:	1 mL
Collect:	Care should be taken to avoid contamination by outside sources. Avoid worksite collections. All materials used for collection should be metal free. Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transport whole blood in the original collection tube. Do not centrifuge. Do not aliquot specimens.
Storage/Transport Temp:	Room temperature.
Stability:	Room temperature: 14 days Refrigerated: 30 days Frozen: 60 days

Components

Selenium [ICP/MS]

Also Known As

Se

Test Type

METAL/ELEMENT

Methodology

Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

6296

Synthetic Cannabinoids Screen with Reflex to Confirmation, Urine

SBMF#
43781

Mnemonic

U SCS SCR N

CPT Code(s)

80307

Medicare Coverage

Local Coverage Determination (LCD): Drug Testing ([L34645](#))

Specimen Information

Specimen:	Urine, Random
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	5 mL
Minimum Volume:	1 mL
Collect:	Random urine collection.
Specimen Processing:	Collect and transport urine in a screw-capped plastic container with no additives or preservatives. Keep container tightly sealed.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Preserved urine. Specimens other than urine.
Stability:	Room temperature: 5 days Refrigerated: 8 days Frozen: 14 days

Components

Synthetic Cannabinoids, Qualitative, Urine

Drugs covered: AB-FUBINACA M2, AB-PINACA N-pentanoic acid, AKB48 N-pentanoic acid, BB-23 2-carboxyindole, 5-Flouro-PB-22 3-carboxyindole, PB-22 3-carboxyindole, UR-144 N-pentanoic acid, AB-CHMINACA M2, ABD-PINACA N-pentanoic acid, ADBICA N-pentanoic acid, JWH-073 N-butanoic acid, JWH-018 N-pentanoic acid

Reflexive Testing:

After the Synthetic Cannabinoids, Qualitative, Urine screen is performed, if warranted the Synthetic Cannabinoids confirmation will be added. Additional charges apply.

Also Known As

Drug Monitoring, Synthetic Cannabinoids with Confirmation, Urine; Fake Pot; K2; Synthetic Marijuana; Spice

Test Type

TOX-TDM

Methodology

Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Chantilly
(via Quest SJC)

Reference Lab Test Code

93027

Synthetic Stimulants, Quantitative, Urine

SBMF#
43782

Mnemonic

U SYNTHSTM

CPT Code(s)

80371

Medicare (HCPCS) Code(s): G0480

Medicare Coverage

Local Coverage Determination (LCD): Drug Testing ([L34645](#))

Specimen Information

Specimen:	Urine, Random
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	7 mL
Minimum Volume:	3 mL
Collect:	Random urine collection.
Specimen Processing:	Collect and transport urine in a screw-capped plastic container with no additives or preservatives. Keep container tightly sealed.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Preserved urine. Specimens other than urine.
Stability:	Room temperature: 5 days Refrigerated: 14 days Frozen: 30 days

Components

Alpha PVP; Butylone; MDPV; Mephedrone; Methylone; Pentylone

Also Known As

Bath Salts

Test Type

TOX-TDM

Methodology

Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

91994

Toxocara Antibody, ELISA, Serum

SBMF#
43767

Mnemonic

TOXOCA AB

CPT Code(s)

86682

Specimen Information

Specimen:	Serum
Container:	Red top (Serum) tube
Requested Volume:	1 mL
Minimum Volume:	0.1 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 5 times.
Specimen Processing:	Transfer serum to a screw-capped plastic transport tube.
Storage/Transport Temp:	Room temperature.
Rejection Criteria:	Specimens other than serum.
Stability:	Room temperature: 7 days Refrigerated: 14 days Frozen: 30 days

Test Type

INFECTIOUS ANTIBODY

Methodology

Enzyme Linked Immunosorbent Assay (ELISA)

Performance Laboratory

Quest Diagnostics Infectious Disease, Inc. (via
Quest SJC)

Reference Lab Test Code

53868P | 34304X

Vanillylmandelic Acid (VMA) and Homovanillic Acid (HVA), Urine

SBMF#
47683

Mnemonic

U VMA HVA

CPT Code(s)

83150; 84585

Specimen Information

Patient Prep:	Abstain from medications for 72 hours prior to collection.
Specimen:	Urine, 24-hour or Random
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	4 mL
Minimum Volume:	1 mL
Collect:	24-hour or random urine collection. Refrigerate 24-hour specimens during collection. Patient Instructions for 24-Hour Urine Collection; No Preservative Added
Specimen Processing:	Aliquot urine from a well-mixed 24-hour or random urine collection into a screw-capped plastic transport tube. Record total volume and collection time interval on transport tube and test request form.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Specimen types other than urine.
Stability:	Room temperature: Unacceptable Refrigerated: 1 week Frozen: 2 weeks

Components

Hours Collected; Total Volume; Creatinine, Urine - per volume; Creatinine, Urine - per 24h; Vanillylmandelic Acid - per volume; Vanillylmandelic Acid - ratio to CRT; Vanillylmandelic Acid - per 24h; Homovanillic Acid - per volume; Homovanillic Acid - ratio to CRT; Homovanillic Acid - per 24h; VMA and HVA Interpretation

Also Known As

3-methoxy-4-hydroxymandelic acid; 3-Methoxy-4-hydroxyphenyl acetic acid; 4-Hydroxy-3-methoxybenzeneacetic acid; 4-Hydroxy-3-Methoxymandelic Acid; 4-Hydroxy-3-methoxyphenylacetic acid; HVA and VMA

Test Type

HORMONE

Methodology

Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry

Performance Laboratory

ARUP Laboratories

Reference Lab Test Code

[0080470](#)

Vanillylmandelic Acid (VMA), Urine

SBMF#
47682

Mnemonic

U VMA

CPT Code(s)

84585

Specimen Information

Patient Prep:	Abstain from medications for 72 hours prior to collection.
Specimen:	Urine, 24-hour or Random
Container:	Screw-capped, plastic container (preservative-free)
Requested Volume:	4 mL
Minimum Volume:	1 mL
Collect:	24-hour or random urine collection. Refrigerate 24-hour specimens during collection. Patient Instructions for 24-Hour Urine Collection; No Preservative Added
Specimen Processing:	Aliquot urine from a well-mixed 24-hour or random urine collection into a screw-capped plastic transport tube. Record total volume and collection time interval on transport tube and test request form.
Storage/Transport Temp:	Refrigerated.
Rejection Criteria:	Specimen types other than urine.
Stability:	Room temperature: Unacceptable Refrigerated: 1 week Frozen: 2 weeks

Components

Hours Collected; Total Volume; Creatinine, Urine - per volume; Creatinine, Urine - per 24h; Vanillylmandelic Acid - per volume; Vanillylmandelic Acid - ratio to CRT; Vanillylmandelic Acid - per 24h; Vanillylmandelic Acid Interpretation

Also Known As

3-Methoxy-4-Hydroxy-Mandelic Acid; 3-Methoxy-4-Hydroxymandelic Acid; 4-Hydroxy-3-Methoxymandelic Acid; VMA

Test Type

HORMONE

Methodology

Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry

Performance Laboratory

ARUP Laboratories

Reference Lab Test Code

[0080421](#)

Vitamin B3 (Niacin and Metabolite),
Serum or Plasma
[Effective 11-26-2018]

SBMF#
46099

Mnemonic	CPT Code(s)
VIT B3 SP	84591

Specimen Information

Specimen:	Serum or plasma
Container:	Red top (Serum) or Lavender top (EDTA) tube
Requested Volume:	2 mL
Minimum Volume:	1 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Transfer serum or plasma to a screw-capped plastic transport tube and freeze immediately.
Storage/Transport Temp:	CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.
Rejection Criteria:	Gel-barrier (SST) tubes are not acceptable.
Stability:	Room temperature: Unacceptable Refrigerated: Unacceptable Frozen: 30 days

Components

Nicotinamide; Nicotinic Acid

Also Known As

Niacin Metabolite; Niacinamide; Niacin®; Niacor®; Niaspan®; Slo-Niacin®; Vitamin B3

Test Type	Methodology
CHEMISTRY	Chromatography/Mass Spectrometry

Performance Laboratory	Reference Lab Test Code
Quest Diagnostics Nichols Institute, Valencia (via Quest SJC)	91029

Vitamin B5 (Pantothenic Acid), Serum or Plasma

SBMF#
45957

Mnemonic

VIT B5 S

CPT Code(s)

84591

Specimen Information

Specimen:	Serum or plasma
Container:	Red top (Serum) tube
Alternate Container:	Lavender top (EDTA) or Green top (Sodium Heparin) tube
Requested Volume:	1.2 mL
Minimum Volume:	0.6 mL
Collect:	Standard phlebotomy procedure. Mix by inverting tube 8 times.
Specimen Processing:	Allow serum specimen to clot completely at room temperature. Centrifuge to separate from cells and transfer serum or plasma to a screw-capped plastic transport tube.
Storage/Transport Temp:	Frozen.
Stability:	Room temperature: 6 hours Refrigerated: 4 days Frozen: 30 days

Test Type

CHEMISTRY

Methodology

Chromatography/Mass Spectrometry

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

91030

Zinc, RBCs

SBMF#
46137

Mnemonic

ZN RBC

CPT Code(s)

84630

Specimen Information

Patient Prep:	Thoroughly wash the collection site with soap and water, then prep with an alcohol swab.
Specimen:	Red blood cells (RBCs)
Container:	Royal Blue top (EDTA; Trace element-free) tube
Alternate Container:	Royal Blue top (Sodium Heparin; Trace element-free), Green top (Sodium Heparin), Green top (Lithium Heparin), or Tan top (EDTA; Lead-free) tube
Requested Volume:	0.5 mL
Minimum Volume:	0.3 mL
Collect:	Care should be taken to avoid contamination by outside sources. Avoid worksite collections. All materials used for collection should be metal free.
Specimen Processing:	Standard phlebotomy procedure. Mix by inverting tube 8 times. Centrifuge whole blood and separate RBCs from plasma within 2 hours of collection. Discard plasma. Transfer RBCs to a screw-capped trace element-free transport tube.
Storage/Transport Temp:	Room temperature.
Rejection Criteria:	Clotted or hemolyzed specimens.
Stability:	Room temperature: 7 days Refrigerated: 7 days Frozen: Unacceptable

Also Known As

RBC Zinc

Test Type

METAL/ELEMENT

Methodology

Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)

Performance Laboratory

Quest Diagnostics Nichols Institute, Valencia
(via Quest SJC)

Reference Lab Test Code

6354