



х

Alkaline Phosphatase Isoenzymes, Serum or Plasma



Hotline Page #	Test Number	Summary of Changes by Test Name	Name Change	Methodology	Performed/Reported Schedule	Specimen Requirements	Reference Interval	Interpretive Data	Note	CPT Code	Component Change	Other Interface Change	New Test	Inactive
10	0090284	Allergen, Food, Almond IgG						X						1
10	<u>2011723</u>	Allergen, Food, Avocado IgG				х		х						
10	<u>0097706</u>	Allergen, Food, Baker's Yeast IgG						х						
10	<u>0090286</u>	Allergen, Food, Banana IgG						х						
10	<u>0097707</u>	Allergen, Food, Barley IgG						х						
10	<u>0097708</u>	Allergen, Food, Beef IgG			х			х						
10	<u>2011725</u>	Allergen, Food, Broccoli IgG				х		х						
10	<u>0097653</u>	Allergen, Food, Casein (Cow's Milk) IgG						х						
11	<u>2011727</u>	Allergen, Food, Cashew IgG				х		х						
11	<u>2011817</u>	Allergen, Food, Cheddar Cheese IgG				х		х						
11	<u>2011729</u>	Allergen, Food, Cheese Mold IgG						х						
11	<u>0097656</u>	Allergen, Food, Chicken IgG						x						
11	<u>0097657</u>	Allergen, Food, Chocolate IgG						х						
11	<u>2011731</u>	Allergen, Food, Clam IgG				х		х						
11	<u>2011733</u>	Allergen, Food, Coconut IgG				x		х						
12	0097302	Allergen, Food, Coffee IgG						X						
12	<u>0097658</u>	Allergen, Food, Corn IgG						x						
12	<u>2011735</u>	Allergen, Food, Crab IgG				x		x						
12	<u>0097659</u>	Allergen, Food, Egg White IgG						x						
12	<u>0097315</u>	Allergen, Food, Egg Yolk IgG						х						
12	<u>0090287</u>	Allergen, Food, Garlic IgG						х						
12	<u>0090289</u>	Allergen, Food, Gluten IgG						х						
12	<u>0097651</u>	Allergen, Food, Lettuce IgG						x						
12	<u>2011737</u>	Allergen, Food, Lobster IgG				x		х						
13	<u>0097652</u>	Allergen, Food, Malt IgG						х						
13	<u>0097299</u>	Allergen, Food, Mushroom IgG						x						
13	<u>0097654</u>	Allergen, Food, Oat IgG						x						
13	<u>2011815</u>	Allergen, Food, Olives IgG				x		x						
13	<u>0097306</u>	Allergen, Food, Onion IgG						x						
13	<u>0097647</u>	Allergen, Food, Orange IgG						Х						
13	<u>2011739</u>	Allergen, Food, Oyster IgG				x		x						
13	0097648	Allergen, Food, Peanut IgG						x						
14	<u>2011741</u>	Allergen, Food, Pineapple IgG				x		x						
14	<u>0097649</u>	Allergen, Food, Pork IgG						X						



Hotline Page #	Test Number	Summary of Changes by Test Name	Name Change	Methodology	Performed/Reported Schedule	Specimen Requirements	Reference Interval	Interpretive Data	Note	CPT Code	Component Change	Other Interface Change	New Test	Inactive
14	<u>0097641</u>	Allergen, Food, Potato (White) IgG				х		х	х					
14	<u>0097323</u>	Allergen, Food, Rice IgG						x						
14	<u>0097642</u>	Allergen, Food, Rye IgG						х						
14	<u>2011743</u>	Allergen, Food, Scallop IgG				х		x						
15	<u>2011745</u>	Allergen, Food, Shrimp IgG				х		х						
15	<u>0097643</u>	Allergen, Food, Soybean IgG						x						
15	<u>2011747</u>	Allergen, Food, Strawberry IgG				x		х						
15	<u>2011749</u>	Allergen, Food, Tuna IgG				х		x						
15	<u>2011751</u>	Allergen, Food, Turkey IgG				х		х						
16	<u>2011753</u>	Allergen, Food, Walnut IgG				х		х						
16	<u>0097636</u>	Allergen, Food, Wheat IgG						х						
16	0090291	Allergen, Food, Whey IgG						х						
16	2011819	Allergen, Food, Whole Egg, IgG				х		х						
16	<u>0097773</u>	Allergen, Fungi and Molds, Alternaria tenuis IgG						х						
16	<u>0097305</u>	Allergen, Fungi and Molds, Aureobasidium pullulans IgG						x						
16	<u>0097304</u>	Allergen, Fungi and Molds, Candida albicans IgG						x						
16	<u>0097314</u>	Allergen, Fungi and Molds, Cladosporium IgG						х						
16	<u>0093454</u>	Allergen, Fungi and Molds, Fusarium proliferatum/moniliforme IgG						x						
17	<u>0097313</u>	Allergen, Fungi and Molds, <i>Helminthosporium</i> halodes/Setomelanomma rostrata IgG						x						
17	<u>0097316</u>	Allergen, Fungi and Molds, Mucor racemosus IgG						x						
17	<u>0097310</u>	Allergen, Fungi and Molds, <i>Penicillium</i> chrysogenum/notatum IgG						x						
17	<u>0097309</u>	Allergen, Fungi and Molds, Phoma betae IgG						x						
17	<u>0097307</u>	Allergen, Fungi and Molds, Rhizopus nigricans IgG						х						
17	0055400	Allergen, Insects and Venom, Honey Bee IgG						x						
17	<u>0055415</u>	Allergen, Insects and Venom, Paper Wasp IgG						x						
17	<u>0055405</u>	Allergen, Insects and Venom, White-Faced Hornet IgG						x						
17	0055420	Allergen, Insects and Venom, Yellow Hornet IgG						х						
17	0055410	Allergen, Insects and Venom, Yellow Jacket IgG						x						
18	0097308	Allergen, Stemphylium herbarum/botryosum, IgG				x		X						
18	<u>0097644</u>	Allergen, Tomato IgG						X						
18	<u>2007215</u>	Allergens, Food, Common Panel IgG						х						



Hotline Page #	Test Number	Summary of Changes by Test Name	Name Change	Methodology	Performed/Reported Schedule	Specimen Requirements	Reference Interval	Interpretive Data	Note	CPT Code	Component Change	Other Interface Change	New Test	Inactive
18	<u>2007213</u>	Allergens, Food, Extended Panel IgG						х						
18	<u>2007216</u>	Allergens, Food, IgG Panel						х						
18	<u>2007214</u>	Allergens, Food, Meat Panel IgG						х						
18	<u>2012001</u>	Allergens, Insects and Venom, Hymenoptera Panel IgG						x						
19	<u>2014284</u>	Antimicrobial Susceptibility - Surveillance Carbapenemase Gene Detection by PCR											X	
19	<u>2007335</u>	Borrelia burgdorferi (Lyme Disease) Reflexive Panel (CSF)				x								
19	<u>0055260</u>	<i>Borrelia burgdorferi</i> Antibodies, IgG and IgM by Immunoblot (CSF)				x								
19	<u>0099483</u>	<i>Borrelia burgdorferi</i> Antibodies, Total by ELISA, CSF				x								
20	<u>0055259</u>	<i>Borrelia burgdorferi</i> Antibody, IgG by Immunoblot (CSF)				x								
20	<u>0055258</u>	<i>Borrelia burgdorferi</i> Antibody, IgM by Immunoblot (CSF)				x								
20	<u>0051046</u>	<i>Borrelia burgdorferi</i> C6 Peptide Antibodies, Total by ELISA (CSF)				x								1
20	<u>2010673</u>	CALR (Calreticulin) Exon 9 Mutation Analysis by PCR									x			
20	<u>2013901</u>	Candida FKS Drug Resistance by Sequencing				х			х					
21	<u>2013784</u>	<i>Candida</i> Species by PCR with Reflex to <i>FKS</i> Drug Resistance by Sequencing			x	x								
21	<u>3000531</u>	Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy, CADASIL (<i>NOTCH3</i>), Sequencing											X	
42	<u>0091267</u>	Chloral Hydrate Metabolite, Serum or Plasma												х
22	<u>3000059</u>	Coccidioides Antibody by CF, CSF				х								
22	<u>3000058</u>	Coccidioides immitis by Immunodiffusion, CSF				х								
22	<u>3000501</u>	Cortisol, Inferior Vena Cava											х	
23	<u>3000502</u>	Cortisol, Left Adrenal Vein											х	
23	<u>3000503</u>	Cortisol, Right Adrenal Vein											х	
24	<u>3000529</u>	C-Peptide, Other											х	
24	0081312	Des-gamma-carboxy Prothrombin				х								
24	<u>2008916</u>	Encephalitis Panel with Reflex to Herpes Simplex Virus Types 1 and 2 Glycoprotein G-Specific Antibodies, IgG, CSF				x								
42	2013277	Esterase, Non-Specific Cytochemical Stain Only												х



Hotline Page #	Test Number	Summary of Changes by Test Name	Name Change	Methodology	Performed/Reported Schedule	Specimen Requirements	Reference Interval	Interpretive Data	Note	CPT Code	Component Change	Other Interface Change	New Test	Inactive
42	0092254	Estronex Profile, Urine												х
24	<u>0090120</u>	Ethanol, Serum or Plasma - Medical								х				
24	<u>3000443</u>	Ethyl Glucuronide, Umbilical Cord Tissue, Qualitative								x				
25	<u>3000548</u>	FUS (16p11) Gene Rearrangement by FISH											х	
25	<u>2013577</u>	Gastrointestinal Viral Panel by PCR			х									
26	0020725	Glomerular Filtration Rate, Estimated				x	х	x				х		
26	<u>0080135</u>	Glucose-6-Phosphate Dehydrogenase			х									
27	<u>3000464</u>	Glutamine Synthetase by Immunohistochemistry											x	
28	<u>3000572</u>	Hepatitis C Virus (HCV) by Quantitative NAAT											х	
29	<u>3000576</u>	Hepatitis C Virus (HCV) by Quantitative NAAT with Reflex to HCV Genotype by Sequencing											X	
30	<u>3000577</u>	Hepatitis C Virus (HCV) by Quantitative NAAT with Reflex to HCV High-Resolution Genotype by Sequencing											x	
42	2002685	Hepatitis C Virus (HCV) by Quantitative PCR with Reflex to HCV Genotype by Sequencing												x
42	<u>2010793</u>	Hepatitis C Virus (HCV) by Quantitative PCR with Reflex to HCV High-Resolution Genotype by Sequencing												x
31	<u>2010784</u>	Hepatitis C Virus Antibody by CIA with Reflex to HCV by Quantitative NAAT	x	x	x	x	x		x			x		
42	0098268	Hepatitis C Virus by Quantitative PCR												х
31	<u>0055593</u>	Hepatitis C Virus Genotype by Sequencing				х								
31	<u>0050364</u>	Herpes Simplex Virus Type 1 and/or 2 Antibodies, IgG & IgM (CSF) with Reflex to Type 1 & 2 Glycoprotein G-Specific Ab, IgG				x								
31	<u>0050408</u>	Herpes Simplex Virus Type 1 and/or 2 Antibodies, IgM by ELISA, CSF				x								
32	0050379	Herpes Simplex Virus Type 1 Glycoprotein G- Specific Antibody, IgG by ELISA, CSF				x								
32	<u>0050359</u>	Herpes Simplex Virus Type 2 Glycoprotein G- Specific Antibody, IgG by ELISA, CSF				х								
42	0091504	Hydrochlorothiazide Quantitative, Urine												x
32	<u>3000477</u>	Hypersensitivity Pneumonitis Panel											x	
33	<u>3000539</u>	Imatinib											x	
33	<u>2008320</u>	Infliximab and Infliximab-dyyb Activity and Neutralizing Antibody								x				
33	<u>2013612</u>	Infliximab and Infliximab-dyyb with Reflex to Antibody								x				



Hotline Page #	Test Number	Summary of Changes by Test Name	Name Change	Methodology	Performed/Reported Schedule	Specimen Requirements	Reference Interval	Interpretive Data	Note	CPT Code	Component Change	Other Interface Change	New Test	Inactive
34	<u>3000599</u>	Kidney Profile											х	
34	<u>0020516</u>	Lactic Acid, CSF				x								
34	<u>0051726</u>	Leishmania Antibody, IgG (Visceral Leishmaniasis)		х			х							
35	<u>2013716</u>	LipoFit by NMR				x								
35	<u>2013715</u>	LipoFit by NMR, Particle Count Only				x								
35	<u>0054441</u>	Measles (Rubeola) Antibody, IgM, CSF				x								
42	<u>2014510</u>	Molybdenum Quantitative, Urin												х
35	0054443	Mumps Virus Antibody IgM, CSF				х								
35	<u>3000523</u>	Mumps Virus by PCR											х	
42	<u>2009387</u>	Mumps Virus RNA Qualitative, Real-Time PCR												Х
42	<u>2013273</u>	Myeloperoxidase, Cytochemical Stain Only												Х
36	2007190	Occult Blood, Fecal by Immunoassay									х			
42	<u>2004067</u>	p21 (Waf1/Cip 1) by Immunohistochemistry												Х
36	<u>3000197</u>	PD-L1 22C3 IHC for Gastric/GEJ with Interpretation, pembrolizumab (KEYTRUDA)				x								
36	<u>2013284</u>	PD-L1 22C3 IHC for NSCLC by Immunohistochemistry with Interpretation, pembrolizumab (KEYTRUDA)				x								
36	<u>2013025</u>	Perampanel Quantitative, Serum or Plasma			х									
36	<u>2012130</u>	Phosphatidylethanol (PEth)								х				
36	<u>0051622</u>	Phosphatidylethanolamine Antibodies, IgG, IgM and IgA			x									
36	<u>0051601</u>	Phosphatidylethanolamine Antibody, IgA			х									
37	<u>0051602</u>	Phosphatidylethanolamine Antibody, IgG			х									
37	0051603	Phosphatidylethanolamine Antibody, IgM			х									
42	<u>0051729</u>	QuantiFERON-TB Gold In-Tube												x
37	<u>3000400</u>	QuantiFERON-TB Gold Plus, 1-Tube											х	
38	<u>3000399</u>	QuantiFERON-TB Gold Plus, 4-Tube											х	
38	<u>0050371</u>	<i>Rickettsia rickettsii</i> (Rocky Mountain Spotted Fever) Antibodies, IgG & IgM by IFA			x	x								
39	<u>0050369</u>	Rickettsia rickettsii (Rocky Mountain Spotted Fever) Antibody, IgG			х	x								
39	<u>0050372</u>	Rickettsia rickettsii (Rocky Mountain Spotted Fever) Antibody, IgM			x	x								
39	<u>0050384</u>	<i>Rickettsia typhi</i> (Typhus Fever) Antibodies, IgG & IgM by IFA			x	x								



Hotline Page #	Test Number	Summary of Changes by Test Name	Name Change	Methodology	Performed/Reported Schedule	Specimen Requirements	Reference Interval	Interpretive Data	Note	CPT Code	Component Change	Other Interface Change	New Test	Inactive
39	<u>0050381</u>	Rickettsia typhi (Typhus Fever) Antibody, IgG by IFA			х	x								
40	<u>0050383</u>	<i>Rickettsia typhi</i> (Typhus Fever) Antibody, IgM by IFA			x	x								
42	<u>0049180</u>	Sezary Cell Exam												х
40	<u>0099564</u>	Strongyloides Antibody, IgG by ELISA, Serum				х	x					х		
42	<u>2003133</u>	Tapentadol and Metabolite, Serum or Plasma, Quantitative												x
40	<u>3000584</u>	Tapentadol, Free, Serum or Plasma											x	
42	0049060	Tartrate Resistant Acid Phosphatase Stain												х
42	<u>2013275</u>	Tartrate-Resistant Acid Phosphatase, Cytochemical Stain Only												x
42	<u>0030268</u>	Thrombotic Risk (Acquired) Reflexive Panel												х
41	<u>0030177</u>	Thrombotic Risk, Inherited Etiologies (Uncommon)					x							
42	<u>0091433</u>	Titanium, Urine												х
42	<u>0091112</u>	Tocainide Quantitation, Serum or Plasma												х
41	<u>0051332</u>	UDP Glucuronosyltransferase 1A1 (<i>UGT1A1</i>) Genotyping			x									
41	<u>0054445</u>	Varicella-Zoster Virus Antibody, IgM by ELISA (CSF)				x								

0060152 Acid-Fast Bacillus (AFB) Culture and AFB Stain

MC AFB

Specimen Required: Patient Prep: Recommended collection: Three sputum specimens at 8-24 hour intervals (24 hours when possible) and at least one firstmorning specimen. An individual order must be submitted for each specimen.

Collect: Respiratory specimens. Also acceptable: Body fluid, CSF, gastric aspirate, tissue, or urine.

Specimen Preparation: Place each specimen in an individually sealed bag.

Respiratory Specimens: Transfer (for each collection) 5-10 mL to a sterile container. (Min: 1 mL)

Body Fluids: Transfer 5 mL to a sterile container. (Min: 1 mL culture only)

CSF: Transfer 5 mL to a sterile container. (Min: 1 mL culture only. Min: 5 mL culture and stain)

Gastric Aspirates: Must be neutralized (pH7) with sodium carbonate if transport is delayed for more than four hours. Transfer 5-10 mL to a sterile container. (Min: 1 mL)

Tissue: Transfer to a sterile container. (Min: Visible)

Urine: Transfer at least 40 mL to a sterile container. (Min: 10 mL culture only. Min: 40 mL culture and stain)

Storage/Transport Temperature: Refrigerated.

Remarks: Specimen source required.

Unacceptable Conditions: Dry material or material collected and transported on a swab.

Acid Fast Stain: Stool, blood, bone marrow, grossly bloody specimens.

Stability (collection to initiation of testing): Ambient: 24 hours; Refrigerated: 1 week; Frozen: 1 week



2011248	Adalimumab Activity and Neutralizing Antibody	ADA NAB
CPT Code(s):	80299; 82397	
2013605	Adalimumab Activity with Reflex to Antibody	ADA DL R
CPT Code(s):	80299, if reflexed add 82397	
0050203	Albumin-Creatinine Ratio, Urine	ALB/CRT

Reference Interval:

Test Number	Components	Reference Interval		
0020473	Creatinine, Urine - per 24h	Age	Male	Female
		3-8 years	140-700 mg/d	140-700 mg/d
		9-12 years	300-1300 mg/d	300-1300 mg/d
		13-17 years	500-2300 mg/d	400-1600 mg/d
		18-50 years	1000-2500 mg/d	700-1600 mg/d
		51-80 years	800-2100 mg/d	500-1400 mg/d
		81 years and older	600-2000 mg/d	400-1300 mg/d
	Creatinine, Urine - per volume	No reference interval		
	Albumin - mg/dL	No reference interval		
	Albumin - µg/minute	0-20 µg/minute		
	Albumin - mg/day	2-30 mg/day		
	Albumin/Creatinine Ratio	0-30 mg/g		

HOTLINE NOTE: There is a clinically significant charting name change associated with this test.

Change the charting name for component 0050583, Microalbumin - mg/dL to Albumin - mg/dL. Change the charting name for component 0050678, Microalbumin/Creatinine Ratio. Change the charting name for component 0099081, Microalbumin - ug/minute to Albumin - ug/minute. Change the charting name for component 0099082, Microalbumin - mg/day to Albumin - mg/day.

New Test Available Now	<u>3000484</u>	Aldosterone Inferior Vena Cava	ALDO IVC
	Additional Tec	chnical Information	

Methodology:	Quantitative Chemiluminescent Immunoassay
Performed:	Sun-Sat
Reported:	Within 24 hours

Specimen Required: Collect: Adrenal venous sampling procedure is required. Serum Separator Tube (SST) or Plain Red.

<u>Specimen Preparation:</u> Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Frozen. <u>Unacceptable Conditions:</u> EDTA plasma. <u>Stability (collection to initiation of testing):</u> After separation from cells: Ambient: 8 hours; Refrigerated: 5 days; Frozen: 1 month

Note: Refer to the Additional Technical Information link for more information on Endocrine Society recommendations regarding patient preparation, specimen collection, medications for hypertension control during confirmatory testing for primary aldosteronism, and factors that may lead to false-positive or false-negative aldosterone-renin ratio (ARR) results.

CPT Code(s): 82088

New York DOH Approved.



	2000/05	Aldostonono I	oft Advanal Vain	
New Test Available Now	<u>3000485</u>	Aldosterone	Leit Adrenal vein	ALDO LAV
	Additional Tech	nnical Informatior	1	
Methodology: Performed: Reported:	Quantitative Cher Sun-Sat Within 24 hours	miluminescent Immun	oassay	
Specimen Require	d: <u>Collect:</u> Adrenal <u>Specimen Prepara</u> Transport Tube. (<u>Storage/Transpor</u> <u>Unacceptable Con</u> <u>Stability (collection</u>	venous sampling proce ation: Separate from co Min: 0.5 mL) t <u>Temperature:</u> Frozen nditions: EDTA plasm on to initiation of testi	edure is required. Serum Separator 7 ells ASAP or within 2 hours of colle n. na. <u>ng):</u> After separation from cells: An	Tube (SST) or Plain Red. ection. Transfer 1 mL serum to an ARUP Standard nbient: 8 hours; Refrigerated: 5 days; Frozen: 1 month
Note: Refer to the collection, medicat negative aldosteror	Additional Technica ions for hypertension e-renin ratio (ARR)	l Information link for control during confir results.	information on Endocrine Society re matory testing for primary aldostero	ecommendations regarding patient preparation, specimen nism, and factors that may lead to false-positive or false-
CPT Code(s):	82088			
New York DOH A	pproved.			
HOTLINE NOT	E: Refer to the Test	Mix Addendum for in	nterface build information.	
New Test Available Now	<u>3000486</u>	Aldosterone I	Right Adrenal Vein	ALDO RAV
Î	Additional Tech	nnical Informatior	1	
Methodology: Performed: Reported:	Quantitative Cher Sun-Sat Within 24 hours	miluminescent Immun	oassay	
Specimen Require	d: <u>Patient Prep</u> : Adr <u>Collect</u> : Serum So <u>Specimen Prepara</u> Transport Tube. (<u>Storage/Transpor</u> <u>Unacceptable Con</u> <u>Stability (collection</u>	enal venous sampling eparator Tube (SST) o <u>ation:</u> Separate from co Min: 0.5 mL) t <u>Temperature:</u> Frozen <u>nditions:</u> EDTA plasm on to initiation of testi	procedure is required. r Plain Red. ells ASAP or within 2 hours of colle n. na. <u>ing):</u> After separation from cells: An	ction. Transfer 1 mL serum to an ARUP Standard abient: 8 hours; Refrigerated: 5 days; Frozen: 1 month
Note: Refer to the hypertension contro ratio (ARR) results	Additional Technica ol during confirmator	l Information for Ender y testing for primary a	ocrine Society recommendations for aldosteronism, and factors that may	patient preparation, specimen collection, medications for lead to false-positive or false-negative aldosterone-renin
CPT Code(s):	82088			
New York DOH A	pproved.			
HOTLINE NOT	E: Refer to the Test	Mix Addendum for in	nterface build information.	



Page 10

Quarterly HOTLINE: Effective August 20, 2018

0021020	Alkaline Phosphatase Isoenzymes, Serum or Plasma	ALKP-ISO
Performed: Reported:	Sun-Sat 1-4 days	
0090284	Allergen, Food, Almond IgG	ALMOND IGG
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
2011723	Allergen, Food, Avocado IgG	AVOCADOIGG
Specimen Requir	 <u>Collect: Serum separator tube (SST).</u> <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL ser Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability (collection to initiation of testing)</u>: After separation from cells: Ambient: 48 hours; Refrigerated: 2 	rum to an ARUP Standard weeks; Frozen: 1 year
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>0097706</u>	Allergen, Food, Baker's Yeast IgG	YEAST IGG
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>0090286</u>	Allergen, Food, Banana IgG	BANANA IGG
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>0097707</u>	Allergen, Food, Barley IgG	BARLEY IGG
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>0097708</u>	Allergen, Food, Beef IgG	BEEF IGG
Performed: Reported:	Sun 1-8 days	
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>2011725</u>	Allergen, Food, Broccoli IgG	BROCC IGG
Specimen Requir	ed: <u>Collect:</u> Serum separator tube (SST). <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL ser Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability (collection to initiation of testing):</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2	rum to an ARUP Standard weeks; Frozen: 1 year
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

AR

0097653 Allergen, Food, Casein (Cow's Milk) IgG CASEIN IGG



2011727 Allergen, Food, Cashew IgG

Specimen Required: Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated.

<u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

2011817 Allergen, Food, Cheddar Cheese IgG

Specimen Required: Collect: Serum separator tube (SST).

<u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability (collection to initiation of testing):</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

2011729 Allergen, Food, Cheese Mold IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097656 Allergen, Food, Chicken IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097657 Allergen, Food, Chocolate IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

2011731 Allergen, Food, Clam IgG

Specimen Required: Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

2011733 Allergen, Food, Coconut IgG

Specimen Required: <u>Collect:</u> Serum separator tube (SST).

 Specimen Preparation:
 Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)

 Storage/Transport Temperature:
 Refrigerated.

 Unacceptable Conditions:
 Hemolyzed, icteric, or lipemic specimens.

 Stability (collection to initiation of testing):
 After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

COCONUTIGG

CHSMLD IGG

CASHEW IGG

CHEDCHEESE

CHICK IGG

CHOCO IGG

CLAM IGG



0097302Allergen, Food, Coffee IgGCOFFEE IGG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097658 Allergen, Food, Corn IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

<u>2011735</u> Allergen, Food, Crab IgG

Specimen Required: <u>Collect:</u> Serum separator tube (SST).

<u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability (collection to initiation of testing):</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

CORN IGG

CRAB IGG

EGG IGG

EGGYOLKIGG

GARLIC IGG

GLUTEN IGG

LETT IGG

LOBSTERIGG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097659 Allergen, Food, Egg White IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097315 Allergen, Food, Egg Yolk IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0090287 Allergen, Food, Garlic IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0090289 Allergen, Food, Gluten IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097651 Allergen, Food, Lettuce IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

2011737 Allergen, Food, Lobster IgG

Specimen Required: Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year



	Allergen, Food, Malt IgG	MALT IGG
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
<u>0097299</u>	Allergen, Food, Mushroom IgG	MUSH IGG
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
<u>0097654</u>	Allergen, Food, Oat IgG	OAT IGG
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
2011815	Allergen, Food, Olives IgG	OLIVES IGG
Specimen Requir	 Collect: Serum separator tube (SST). Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL ser Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated. Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens. Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 	um to an ARUP Standard weeks; Frozen: 1 year
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
<u>0097306</u>	Allergen, Food, Onion IgG	ONION IGG
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
0097647	Allergen, Food, Orange IgG	ORANGE IGG
0097647 Interpretive Da See Compliance St	Allergen, Food, Orange IgG ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	ORANGE IGG
0097647 Interpretive Da See Compliance St 2011739	Allergen, Food, Orange IgG ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS Allergen, Food, Oyster IgG	ORANGE IGG OYSTER IGG
0097647 Interpretive Da See Compliance S 2011739 Specimen Require	Allergen, Food, Orange IgG ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS Allergen, Food, Oyster IgG vd: Collect: Serum separator tube (SST). Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL ser Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated. Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens. Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2	ORANGE IGG OYSTER IGG um to an ARUP Standard weeks; Frozen: 1 year
0097647 Interpretive Da See Compliance S 2011739 Specimen Require Interpretive Da See Compliance S	Allergen, Food, Orange IgG ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS Allergen, Food, Oyster IgG sd: Collect: Serum separator tube (SST). Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL ser Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated. Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens. Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 the set of allergen-specific IgG antibody. ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	ORANGE IGG OYSTER IGG um to an ARUP Standard weeks; Frozen: 1 year



<u>2011741</u> Allergen, Food, Pineapple IgG

Specimen Required: Collect: Serum separator tube (SST).

<u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated.

PNAPPL IGG

POTATO IGG

RICE IGG

RYE IGG

SCALLOPIGG

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097649 Allergen, Food, Pork IgG PORK IGG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097641 Allergen, Food, Potato (White) IgG

Specimen Required: Collect: Serum separator tube (SST).

<u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature: Refrigerated</u> <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability (collection to initiation of testing):</u> After separation from cells: Ambient: 1 week; Refrigerated: 1 month; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

Note: The units of measure mcg/mL and mgA/L are interchangeable. 1 mg/L = 1000 mcg/1000 mL

0097323 Allergen, Food, Rice IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

<u>0097642</u> Allergen, Food, Rye IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

2011743 Allergen, Food, Scallop IgG

Specimen Required: Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year



<u>2011745</u> Allergen, Food, Shrimp IgG

Specimen Required: Collect: Serum separator tube (SST).

<u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated.

<u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097643 Allergen, Food, Soybean IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

<u>2011747</u> Allergen, Food, Strawberry IgG

Specimen Required: Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

<u>2011749</u> Allergen, Food, Tuna IgG

Specimen Required: Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

2011751 Allergen, Food, Turkey IgG

Specimen Required: Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

SHRIMP IGG

SOY IGG

STRWBRYIGG

```
TUNA IGG
```

TURKEY IGG



2011753 Allergen, Food, Walnut IgG

Specimen Required: Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

WHEAT IGG <u>0097636</u> Allergen, Food, Wheat IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0090291 Allergen, Food, Whey IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

2011819 Allergen, Food, Whole Egg, IgG

Specimen Required: Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097773 Allergen, Fungi and Molds, Alternaria tenuis IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097305 Allergen, Fungi and Molds, Aureobasidium pullulans IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097304 Allergen, Fungi and Molds, Candida albicans IgG Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0097314 Allergen, Fungi and Molds, Cladosporium IgG CLADO IGG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

0093454 Allergen, Fungi and Molds, Fusarium proliferatum/moniliforme IgG

Interpretive Data: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. See Compliance Statement B: www.aruplab.com/CS

WALNUT IGG

ALTER IGG

WHEY IGG

WHOLE EGG

AUREO IGG

CANDIDAIGG

FUS M IGG



<u>0097313</u>	Allergen, Fungi and Molds, <i>Helminthosporium halodes/Setomelanomma rostrata</i> IgG	HELMINIGG
Interpretive Da See Compliance St	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
<u>0097316</u>	Allergen, Fungi and Molds, Mucor racemosus IgG	MUCOR IGG
Interpretive Da See Compliance St	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
<u>0097310</u>	Allergen, Fungi and Molds, Penicillium chrysogenum/notatum IgG	PENI N IGG
Interpretive Da See Compliance St	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
<u>0097309</u>	Allergen, Fungi and Molds, Phoma betae IgG	PHOMAB IGG
Interpretive Da See Compliance St	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
<u>0097307</u>	Allergen, Fungi and Molds, Rhizopus nigricans IgG	RHIZO IGG
Interpretive Da See Compliance St	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
0055400	Allergen, Insects and Venom, Honey Bee IgG	HON B IGG
Interpretive Da See Compliance St	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
<u>0055415</u>	Allergen, Insects and Venom, Paper Wasp IgG	PAP-W IGG
Interpretive Da	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	
See Compliance St		
0055405	Allergen, Insects and Venom, White-Faced Hornet IgG	WH F IGG
0055405 Interpretive Da See Compliance St	Allergen, Insects and Venom, White-Faced Hornet IgG ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	WH F IGG
0055405 Interpretive Da See Compliance St 0055420	Allergen, Insects and Venom, White-Faced Hornet IgG ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS Allergen, Insects and Venom, Yellow Hornet IgG	WH F IGG YE F IGG
0055405 Interpretive Da See Compliance St 0055420 Interpretive Da See Compliance St	Allergen, Insects and Venom, White-Faced Hornet IgG ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS Allergen, Insects and Venom, Yellow Hornet IgG ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. atement B: www.aruplab.com/CS	WH F IGG YE F IGG



0097308	Allergen, Stemphylium herbarum/botryosum, IgG	STEMPHBIGG
Specimen Requir	ed: <u>Collect:</u> Serum separator tube (SST). <u>Specimen Preparation:</u> Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL ser Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Hemolyzed, icteric, or lipemic specimens. <u>Stability (collection to initiation of testing):</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 v	um to an ARUP Standard weeks; Frozen: 1 year
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>0097644</u>	Allergen, Tomato IgG	TOMATO IGG
Interpretive Da See Compliance Set	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
2007215	Allergens, Food, Common Panel IgG	G FOOD COM
Interpretive Da See Compliance Set	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>2007213</u>	Allergens, Food, Extended Panel IgG	G FOOD PAN
Interpretive Da See Compliance Se	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>2007216</u>	Allergens, Food, IgG Panel	IGG FOOD
Interpretive Da See Compliance Se	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>2007214</u>	Allergens, Food, Meat Panel IgG	IGG MEATS
Interpretive Da See Compliance S	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody. tatement B: www.aruplab.com/CS	
<u>2012001</u>	Allergens, Insects and Venom, Hymenoptera Panel IgG	BEE PANIGG
Interpretive Da	ta: Values less than 2.00 mcg/mL represent absent or undetectable levels of allergen-specific IgG antibody.	

See Compliance Statement B: www.aruplab.com/CS



New Test	<u>2014284</u> Antimicrobial Susceptibility - Surveillance Carbapenemase Gene Detection by PCR	CARBA SWAB
Available Now		
Methodology: Performed: Reported:	Qualitative Polymerase Chain Reaction Sun-Sat 1-4 days	
Specimen Require	d: <u>Collect:</u> Rectal eSwab. Refer to collection instructions at https://www.aruplab.com/Specimen-Handling/r <u>Specimen Preparation:</u> Transport rectal swab in eSwab transport media (ARUP Supply #45877) available using ARUP ConnectTM or contact ARUP Client Services at (800) 522-2787. Place each specimen in an <u>Storage/Transport Temperature:</u> Refrigerated. Also acceptable: Frozen. <u>Remarks:</u> Specimen source required. <u>Stability (collection to initiation of testing):</u> Ambient: 48 hours; Refrigerated: 6 days; Frozen: 6 days	esources/pdf/rectal-eswab.pdf online through eSupply individually sealed bag.
Reference Interv	al: Not Detected	
Interpretive Dat This assay detects f carbapenem and oth and is not intended specific nucleic acid See Compliance Sta	a: ive carbapenemase gene families (<i>blaKPC</i> , <i>blaNDM</i> , <i>blaOXA-48</i> , <i>blaVIM</i> , <i>blaIMP</i>) encoding enzymes that the beta-lactam antibiotics. This assay is intended for use as an aid to infection control in the detection of car to guide or monitor treatment of infection. A negative result does not exclude the presence of other resistance d in concentrations below the level of detection. thement B: www.aruplab.com/CS	may confer resistance to bapenem-resistant bacteria e mechanisms or assay-
Note: This assay w reduced sensitivity. <i>Acinetobacter baun</i>	rill generate a negative IMP result when testing samples containing IMP-7, IMP-13 or IMP-14 gene sequence False-negative results may be encountered in rectal specimens with <i>Pseudomonas aeruginosa</i> containing th <i>tanii</i> containing <i>blaIMP</i> gene.	tes, and may detect IMP-4 at e <i>blaVIM</i> gene and with
CPT Code(s):	87798	
New York DOH ap	proval pending. Call for status update.	
HOTLINE NOT	E: Refer to the Test Mix Addendum for interface build information.	
<u>2007335</u>	Borrelia burgdorferi (Lyme Disease) Reflexive Panel (CSF)	LYMECSFR
Specimen Require	 <u>d: Collect:</u> CSF. <u>Specimen Preparation:</u> Transfer 6 mL CSF to an ARUP Standard Transport Tube. (Min: 2.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, heat-inactivated, or hemolyzed specimens. <u>Stability (collection to initiation of testing)</u>: Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year (av cycles) 	oid repeated freeze/thaw
0055260	Borrelia burgdorferi Antibodies, IgG and IgM by Immunoblot (CSF)	LYME WBCSF
Specimen Require	d: <u>Collect:</u> CSF. <u>Specimen Preparation:</u> Transfer 3 mL CSF to an ARUP Standard Transport Tube. (Min: 2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, heat-inactivated, or hemolyzed specimens. <u>Stability (collection to initiation of testing)</u> : Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year (avo cycles)	oid repeated freeze/thaw
0099483	Borrelia burgdorferi Antibodies, Total by ELISA, CSF	LYME CSF
Specimen Require	d: <u>Collect:</u> CSF. <u>Specimen Preparation:</u> Transfer 3 mL CSF to an ARUP Standard Transport Tube. (Min: 0.5 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Contaminated, heat-inactivated, or hemolyzed specimens. <u>Stability (collection to initiation of testing)</u> : Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year (avo cycles)	oid repeated freeze/thaw



0055259	Borrelia burgdorferi Antibody, IgG by Immunoblot (CSF)	LYMEGWBCSF
Specimen Requir	ed: <u>Collect:</u> CSF.	
	Specimen Preparation: Transfer 3 mL CSF to an ARUP Standard Transport Tube. (Min: 2 mL)	
	Storage/Transport Temperature: Refrigerated.	
	Unacceptable Conditions: Contaminated, heat-inactivated, or hemolyzed specimens.	
	Stability (collection to initiation of testing): Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid rep cycles)	eated freeze/thaw
0055258	Borrelia burgdorferi Antibody, IgM by Immunoblot (CSF)	LYMEMWBCSF
Specimen Requir	ed: <u>Collect:</u> CSF.	
	Specimen Preparation: Transfer 3 mL CSF to an ARUP Standard Transport Tube. (Min: 2 mL)	
	Storage/Transport Temperature: Refrigerated.	
	<u>Unacceptable Conditions:</u> Contaminated, heat-inactivated, or hemolyzed specimens.	
	<u>Stability (collection to initiation of testing):</u> Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid rep cycles)	eated freeze/thaw
0051046	Borrelia burgdorferi C6 Peptide Antibodies, Total by ELISA (CSF)	C6 PEP CSF
Specimen Requir	ed: <u>Collect:</u> CSF.	
	Specimen Preparation: Transfer 3 mL CSF to an ARUP Standard Transport Tube. (Min: 0.3 mL)	
	Storage/Transport Temperature: Refrigerated.	
	Remarks: Indicate source on test requisition.	
	Unacceptable Conditions: Specimen types other than CSF. Contaminated, heat-inactivated, or hemolyzed speci-	mens.
	Stability (collection to initiation of testing): Ambient: 8 hours; Refrigerated: 2 weeks; Frozen 1 year	
2010673	CALR (Calreticulin) Exon 9 Mutation Analysis by PCR	CALR
HOTLINE NO	TE: There is a component change associated with this test.	
Remove compone	nt 2010674, CALR Exon 9 Mutation Analysis - Source	

2013901 Candida FKS Drug Resistance by Sequencing

Specimen Required: Collect: Body fluid, tissue, or pure isolate of Candida species on potato dextrose agar (PDA), sabouraud dextrose agar, sheep blood agar, chocolate agar, or inhibitory mold agar.
Specimen Preparation: Body Fluid: Transfer 1 mL body fluid to a sterile container. (Min: 0.5 mL)
Tissue: Transfer to a sterile container and freeze immediately.
Isolate: Transport sealed container with pure isolate on solid media. Place each specimen in an individually sealed bag. Storage/Transport Temperature: Body Fluid or Tissue: Frozen.
Isolate: Refrigerated.
Remarks: Candida species identification is required. Specimen source is required.
Unacceptable Conditions: Plasma or serum. Mixed cultures or isolates other than suspected Candida species. Candida species identified as C. dubliniensis. Isolates with no visible colonies. Isolates plated on Chromagar chromogenic culture media.
Stability (collection to initiation of testing): Body Fluid: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 2 weeks
Tissue: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 2 weeks
Isolate: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 2 weeks

FKS SEQ

Note: If the *Candida* species is other than *C. albicans, C. glabrata, C. krusei, C. parapsilosis,* and *C. tropicalis,* testing will be canceled. If *Candida* species is not available, order *Candida* Species by PCR with Reflex to *FKS* Drug Resistance by Sequencing (ARUP test code 2013784). This test may be unsuccessful if the specimen or isolate does not contain *C. albicans, C. glabrata, C. krusei, C. parapsilosis, C. tropicalis,* or if multiple *Candida* species are present.



<u>2013784</u>	Candida Species by PCR with Reflex to FKS Drug Resistance by Sequencing	CAND RFX
Performed:	Sun-Sat	
Reported:	7-10 days	
Specimen Require	 d: <u>Collect:</u> Body fluid, tissue, or pure isolate of <i>Candida</i> species on potato dextrose agar (PDA), sabouraud dextro agar, chocolate agar, or inhibitory mold agar. <u>Specimen Preparation:</u> Body Fluid: Transfer 2 mL body fluid to a sterile container. (Min: 1.5 mL) Tissue: Transfer to a sterile container and freeze immediately. Isolate: Transport sealed container with pure isolate on solid media. Place each specimen in an individually sea <u>Storage/Transport Temperature</u>: Body Fluid or Tissue: Frozen. Isolate: Refrigerated. <u>Remarks</u>: Specimen source required. <u>Unacceptable Conditions</u>: Plasma or serum. Mixed cultures or isolates other than suspected <i>Candida</i> species. Is colonies. Isolates plated on CHROMagar chromogenic culture media. <u>Stability (collection to initiation of testing)</u>: Body Fluid: Ambient: 2 weeks; Refrigerated: 2 weeks; Frozen: 2 weeks; Refrigerated: 1 week; Refrigerated: 1 week; Refrigerated: 1 week; Refrigerated: 1 week; Refrigerated: 2 weeks; Refrigerated: 4 mbient: 1 week; Refrigerated: 4	se agar, sheep blood led bag. olates with no visible veeks gerated; 2 weeks;
New Test	3000531 Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy, CADASIL (NOTCH3), Sequencing	NOTCH3 FGS
Methodology: Performed: Reported:	Polymerase Chain Reaction/Sequencing Sun-Sat Within 2 weeks	
Specimen Require	d: <u>Collect:</u> Lavender (EDTA), Pink (K ₂ EDTA), or Yellow (ACD). <u>Specimen Preparation:</u> Transport 3 mL whole blood. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability (collection to initiation of testing):</u> Ambient: 1 week; Refrigerated: 1 month; Frozen: 6 months	
Interpretive Data: Background Infor (NOTCH3), Sequei Characteristics: St present in approxim 35 percent, psychia Prevalence: 2-4 in Inheritance: Autos Cause: Pathogenic Clinical Sensitivity Methodology: Bidi	mation for Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopath ncing: ubcortical ischemic events, including transient ischemic attacks (TIAs) and strokes, are the most common presentat nately 85 percent of affected individuals. Cognitive defects and dementia are observed in 75 percent of affected indi tric and mood disorders in 33 percent, and epilepsy in 10 percent. Age of onset and clinical presentation are highly 100,000. somal dominant. variants in the <i>NOTCH3</i> gene. <i>r</i> : 95 percent. rectional sequencing of <i>NOTCH3</i> coding regions and intron/exon boundaries.	y, CADASIL ion of CADASIL and ividuals, migraines in variable.
Limitations: Diagn will not be detected	issues of the sequence variations. Regulatory region variants and large deletion/duplications in the sequence variations.	n the NOTCH3 gene
Test developed and	characteristics determined by ARUP Laboratories. See Compliance Statement C: aruplab.com/CS	
CPT Code(s): 8140	06	
New York DOH ap	proval pending. Call for status update.	



<u>3000059</u>	Coccidioides Antibody by CF, CSF	COCCICFCSF
Specimen Required	: <u>Collect:</u> CSF.	
	Specimen Preparation: Transfer 1 mL CSF to an ARUP Standard Transport Tube. (Min: 0.6 mL) Parallel	testing is preferred and
	convalescent specimens must be received within 30 days from receipt of acute specimens.	
	<u>Storage/Transport Temperature.</u> Remgenated. Remarks: Mark specimens plainly as "acute" or "convalescent."	
	Unacceptable Conditions: Contaminated, hemolyzed, xanthochromic, or severely lipemic specimens.	
	Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: (avoid repeated freeze/thaw cycles)	2 weeks; Frozen: 1 year
3000058	Coccidioides immitis by Immunodiffusion, CSF	COCCIP CSF
Specimen Required	: Collect: CSF.	
	Specimen Preparation: Transfer 1 mL CSF to an ARUP Standard Transport Tube. (Min: 0.6 mL)	
	Storage/Transport Temperature: Refrigerated.	
	<u>Unacceptable Conditions:</u> Contaminated, hemolyzed, xanthochromic, or severely lipemic specimens.	
	<u>Stability (conection to initiation of testing):</u> Anotent: 48 notes, Refrigerated: 2 weeks, Frozen: 1 year (av cycles)	old repeated freeze/thaw
	2000501 Control Informer View Come	
New Test	<u>SUUUSUI</u> Cortisol, Interior vena Cava	CORTIVE
Available Now		
Methodology:	Quantitative Chemiluminescent Immunoassay	
Performed:	Sun-Sat	
Reported:	Within 24 hours	
Specimen Required	Patient Prep: Adrenal venous sampling procedure is required.	
	Collect: Serum separator tube (SST).	
	Specimen Preparation: Allow specimen to clot completely at room temperature. Separate from cells ASA	P or within 2 hours of
	collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)	
	<u>Storage/Transport Temperature:</u> Refrigerated. <u>Stability (collection to initiation of testing):</u> After separation from cells: Ambient: 1 week; Refrigerated: 1	week; Frozen: 3 months
Note: To convert to	nmol/L, multiply $\mu g/dL$ by 27.6.	
CPT Code(s):	82533	

New York DOH Approved.



New Test	3000502	Cortisol, Left Adrenal Vein	CORT LAV
Available Now			
Methodology:	Quantitative Chem	iluminescent Immunoassay	
Performed:	Sun-Sat		
Reported:	Within 24 hours		
Specimen Required	: Patient Prep: Adre	nal venous sampling procedure is required.	
	Collect: Serum Sep	parator Tube (SST).	
	Specimen Preparat	ion: Allow specimen to clot completely at room temperature. Se	parate from cells ASAP or within 2 hours of
	collection. Transfe Storage/Transport	r 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 n Temperature: Refrigerated	nL)
	Stability (collection	<u>remperature</u> . Kenigerated.	1 week: Refrigerated: 1 week: Frozen: 3 months
	<u>, (</u>	<u> </u>	
Note: To convert to	nmol/L, multiply µg	t/dL by 27.6.	
CPT Code(s):	82533		
New York DOH App	proved.		
HOTI INF NOTI	. Defende the Test l	Mir. Addandum for interface build information	
HUILINE NUIT	L: Refer to the Test I	vitx Addendum for interface build information.	
New Test	<u>3000503</u>	Cortisol, Right Adrenal Vein	CORT RAV
Available Now			
Methodology:	Quantitative Chem	iluminescent Immunoassay	
Performed:	Sun-Sat		
Reported:	Within 24 hours		
Specimen Required	: Patient Prep: Adre	nal venous sampling procedure is required.	
	Collect: Serum Sep	parator Tube (SST).	
	Specimen Preparat	ion: Allow specimen to clot completely at room temperature. Se	parate from cells ASAP or within 2 hours of
	collection. Transfe	r 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 r	nL)
	Storage/Transport	<u>remperature</u> : Refrigerated.	1 week: Refrigerated: 1 week: Frozen: 3 months
	<u>Stability (concetto</u>	rio mulaton of testing). After separation nom cens. Amotent.	week, Kenigerated. 1 week, 1102en. 5 months
Note: To convert to	nmol/L, multiply µg	/dL by 27.6.	
CPT Code(s):	82533		
New York DOH App	proved.		
HOTLINE NOTH	E: Refer to the Test 1	Vix Addendum for interface build information.	



New Test	<u>3000529</u>	C-Peptide, Other	CPEPOTHER
Available Now			
Mathadalagu	Overstitetiers Cha	· :1	
Methodology: Performed:	Quantitative Che	niluminescent Immunoassay	
Reported:	Within 24 hours		
Reporteur	triann 2 Thours		
Specimen Required:	Patient Prep: Fas	ing specimen preferred.	
	Collect: Serum S	eparator Tube (SST) or Plasma Separator Tube (PST). Also a	cceptable: Green (Sodium or Lithium Heparin),
	Specimen Prepar), or PIRK (K_2EDTA). ation: Allow specimen to clot completely at room temperatur.	e Separate from cells ASAP or within 2 hours of
	collection. Trans	port 1 mL serum or plasma in an ARUP Standard Transport T	ube. (Min: 0.5 mL)
	Storage/Transpor	t Temperature: Frozen.	
	Unacceptable Co	<u>aditions:</u> Grossly hemolyzed specimens.	net 9 hours Defricented, 49 hours Frezzen, 1 month
	<u>Stability (conecti</u>	<u>on to initiation of testing).</u> After separation from cens: Amore	ent: 8 hours, Reingerated: 48 hours, Prozen: 1 houth
Reference Interva	l: Not established		
Interpretive Data:	The reference int	erval for fasting c-peptide is 0.8-3.5 ng/mL. To convert to nm	ol/L, multiply ng/mL by 0.33.
CPT Code(s):	84681		
New York DOH App	roved.		
HOTLINE NOTE	: Refer to the Tes	Mix Addendum for interface build information.	
0001212	Des services	aankarry Drathnanskin	DCD
0081312	Des-gamma	carboxy Prothrombin	DCP
Specimen Required:	Collect: Plain red	or serum separator tube.	
~F	Specimen Prepar	ation: Allow specimen to clot completely at room temperature	e. Separate from cells ASAP or within 2 hours of
	collection. Trans	er 1 mL serum to an ARUP Standard Transport Tube. (Min:	0.5 mL)
	Storage/Transpor	<u>t Temperature:</u> Refrigerated.	
	Stability (collecti	on to initiation of testing): After separation from cells: Ambig	ent: 8 hours; Refrigerated: 1 week; Frozen: 3 weeks
	(avoid repeated f	reeze/thaw cycles)	
<u>2008916</u>	Encephalitis	Panel with Reflex to Herpes Simplex Virus T	ypes 1 and 2 ENCEPHCSF
	Glycoprotei	a G-Specific Antibodies, IgG, CSF	
Specimen Required	Collect: CSE		
Speemen Required.	Specimen Prepar	ation: Transfer 3 mL CSF to an ARUP Standard Transport Tu	be. (Min: 1.05 mL)
	Storage/Transpor	Temperature: Refrigerated.	
	Unacceptable Co	<u>nditions:</u> Serum or plasma. Contaminated, heat-inactivated, o	r hemolyzed specimens.
	Stability (collection	on to initiation of testing): Ambient: 8 hours; Refrigerated: 2	weeks; Frozen: 1 year
0090120	Ethanol, Sei	um or Plasma - Medical	ЕТОН
0070110			
CPT Code(s):	80320 (Alt code:	G0480)	
<u>3000443</u>	Ethyl Glucu	ronide, Umbilical Cord Tissue, Qualitative	ETG QQQ CD
CPT Code(s):	80321 (Alt code:	G0480)	



New Test Available Now	<u>3000548</u> FUS (16p11) Gene	Rearrangement by FISH	FUS FISH
	Additional Technical Information		
Methodology:	Fluorescence in situ Hybridization		
Performed: Reported:	Varies 3-7 days		
Specimen Require	I: <u>Collect:</u> Tumor tissue. <u>Specimen Preparation</u> : Formalin fix (10 percen 4 unstained, consecutively cut, 5-micron thick block and/or slides from excessive heat. <u>Storage/Transport Temperature</u> : Room temper <u>Remarks</u> : Include surgical pathology report wi pathology report but will hold the specimen ur <u>Unacceptable Conditions</u> : Specimens fixed or No tumor in tissue. Decalcified specimens. <u>Stability (collection to initiation of testing)</u> : An	nt neutral buffered formalin) and paraffin embed tumor tissue. T sections, mounted on positively charged glass slides. (Min: 4 sl ature. Also acceptable: Refrigerated. th reason for referral. The laboratory will not reject specimens t til this information is received. processed in alternative fixatives (alcohol, Prefer) or heavy met mbient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacce	Transport tissue block or ides) Protect paraffin that arrive without a al fixatives (B-4 or B-5). ptable
Reference Interv	al: By report		
Interpretive Dat	Refer to report.		
See Compliance Sta	tement A: www.aruplab.com/CS		

CPT Code(s): 88366

New York DOH approval pending. Call for status update.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.

2013577 Gastrointestinal Viral Panel by PCR

Performed:Tue, Thu, SatReported:2-5 days

GIVIRALPCR



0020725 **Glomerular Filtration Rate, Estimated**

Specimen Required: Collect: Plasma separator tube or serum separator tube. Also acceptable: Lavender (EDTA).

Specimen Preparation: Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated.

Remarks: Patient age and sex are required for calculation.

Unacceptable Conditions: Specimens obtained through catheters used to infuse hyperalimentation fluid. Specimens collected with potassium oxalate/sodium fluoride or sodium citrate.

Stability (collection to initiation of testing): After separation from cells: Ambient: 1 week; Refrigerated: 1 week; Frozen: 3 months

Reference Interval:

Effective August 20, 2018 Calculated GFR - >= 60 mL/min / 1.73 squared meters

Croatinina

Creatinine			
Age	Male	Female	
0-30 days	0.50-1.20 mg/dL	0.50-0.90 mg/dL	
31-364 days	0.40-0.70 mg/dL	0.40-0.60 mg/dL	
1-3 years	0.40-0.70 mg/dL	0.40-0.70 mg/dL	
4-6 years	0.50-0.80 mg/dL	0.50-0.80 mg/dL	
7-9 years	0.30-0.60 mg/dL	0.30-0.70 mg/dL	
10-11 years	0.30-0.70 mg/dL	0.40-0.80 mg/dL	
12-13 years	0.40-0.80 mg/dL	0.40-0.80 mg/dL	
14-15 years	0.40-1.10 mg/dL	0.30-0.90 mg/dL	
16-18 years	0.60-1.20 mg/dL	0.50-1.00 mg/dL	
19 years and older	0.40-1.20 mg/dL	0.40-1.20 mg/dL	

Interpretive Data: The CKD-EPI equation for non-African American individuals is used to calculate the estimated glomerular filtration rate (GFR). To estimate the GFR for African Americans, multiply the provided GFR result by 1.16.

The CKD-EPI equation is validated in individuals 18 years of age and older. It is less accurate in patients with extremes of muscle mass, restriction of dietary protein, ingestion of creatine, extra-renal metabolism of creatinine, or treatment with medications that affect renal tubular creatinine secretion.

GFR Categories in Chronic Kidney Disease (CKD)			
GFR Category	GFR (mL/min/1.73 square meters)	Terms	
G1	Greater than or equal to 90	Normal or high*	
G2	60-89	Mildly decreased*	
G3a	45-59	Mildly to moderately decreased	
G3b	30-44	Moderately to severely decreased	
G4	15-29	Severely decreased	
G5	Less than 15	Kidney failure	
*In the absence of evidence of kidney damage, neither GFR category G1 nor G2 fulfill the			
criteria for CKD (Kidney Int Suppl 2013;3:1-150)			

HOTLINE NOTE: There is a numeric map and unit of measure change associated with this test. Change the numeric map for component 0026634, Calculated GFR from XXXXXX.X to XXXXXX. Change the unit of measure for component 0026634, Calculated GFR from mL/min to mL/min/1.73BSA.

0080135 Glucose-6-Phosphate Dehydrogenase

Performed: Sun-Sat **Reported:** 1-3 days G6PD

GFRE



New Test Available Now	<u>3000464</u>	Glutamine Synthetase by Immunohistochem	istry GLUTSN IHC
区 	Immunohistoche Recommended	mistry Stain Form (ARUP form #32978)	
Methodology: Performed: Reported:	Immunohistochem Mon-Fri 1-5 days	istry	
Specimen Require	d: <u>Collect:</u> Tissue or <u>Specimen Preparat</u> into a cellblock). F charged slides (Mi <u>Storage/Transport</u> <u>Remarks:</u> IMMUN have electronic or For additional tech <u>Unacceptable Con</u> <u>Stability (collection</u>	cells. <u>ion:</u> Formalin fix (10% neutral buffered formalin is preferred) a rotect paraffin from excessive heat. Transport tissue block or 5 n: 2 slides). If sending precut slides, do not oven bake. <u>Temperature:</u> Room temperature. Also acceptable: Refrigerated OHISTOCHEMISTRY ORDERING AND SUBMISSION lering capability, use an ARUP Immunohistochemistry Stain Fo nical details, please contact ARUP Client Services. <u>ditions:</u> Specimens submitted with non-representative tissue typp <u>n to initiation of testing):</u> Ambient: Indefinitely, Refrigerated: In	Ind paraffin embed specimen (cells must be prepared unstained (3-5 micron thick sections), on positively . Ship in cooled container during summer months. DETAILS: Submit electronic request. If you do not rrm (form #32978) with an ARUP client number. e. Depleted specimens. ndefinitely, Frozen: Unacceptable
Interpretive Dat	a: See Compliance S	tatement A: www.aruplab.com/CS	
Note: All stains wi associated case mat	ll be handled as "Stai erials (clinical history	n and Return" unless a consultation is requested. To request a c , blocks, slides, etc.), and the Anatomic Pathology requisition for	onsultation, submit the pathology report, all orm (form # 32960).
CPT Code(s):	88342		

New York DOH approval pending. Call for status update.





Stability (collection to initiation of testing): After separation from cells: Ambient: Unacceptable; Refrigerated: 5 days; Frozen: 2 months

Reference Interval: Not Detected

Interpretive Data:

Normal range for this assay is "Not Detected". The quantitative range of this assay is 10 - 100,000,000 IU/mL (1.0 - 8.0 log IU/mL).

Lower limit of quantitation (LLoQ): 10 IU/mL (1.0 log IU/mL)

LLoQ values do not apply to diluted specimens.

A result of "Not Detected" does not rule out the presence of inhibitors in the patient specimen or hepatitis C virus RNA concentrations below the level of detection of the test. Care should be taken when interpreting any single viral load determination.

This test should not be used for blood donor screening, associated re-entry protocols, or for screening Human Cell, Tissues and Cellular Tissue-Based Products (HCT/P).

Note: The limit of quantification for this RNA assay is 10 IU/mL (1.0 log IU/mL). If the assay DID NOT DETECT the virus, the test result will be reported as "Not Detected" If the assay DETECTED the presence of the virus but was not able to accurately quantify the number of copies, the test result will be reported as "< 10 Detected".

Specimens received with less than minimum volume for testing will automatically be run with a dilution according to the guidelines below: -Specimens with 240-700 μ L will be diluted 1:3 resulting in a quantitative range of 30 - 300,000,000 IU/mL (1.48-8.48 log IU/mL).

This test is intended for use as an aid in the management of HCV-infected patients undergoing anti-viral therapy in conjunction with clinical and laboratory markers of infection. This test is also used in assessing HCV RNA levels at baseline, during treatment, at the end of treatment, and at the end of follow up of treatment to determine sustained or non-sustained viral response.

CPT Code(s): 87522

New York DOH Approved.



New Test	<u>3000576</u>	Hepatitis C Virus (HCV) by Quantitative NAAT with Reflex to HCV Genotype by Sequencing	HCVQT GR
Î.	Additional Tec	hnical Information	
Methodology: Performed: Reported:	Quantitative Tran Sun-Sat 1-8 days	nscription Mediated Amplification/Sequencing	
Specimen Requir	cimen Required: <u>Collect</u> : Lavender (EDTA), Pink (K ₂ EDTA), Plasma Preparation Tube (PPT), or Serum Separator Tube (SST). <u>Specimen Preparation</u> : Separate from cells within 6 hours of collection. Transfer 3 mL serum or plasma to an ARUP Stand Transport Tube. (Min: 1.7 mL) <u>Storage/Transport Temperature</u> : Frozen. <u>Unacceptable Conditions</u> : Heparinized specimens. <u>Stability (collection to initiation of testing)</u> : After separation from cells: Ambient: Unacceptable; Refrigerated: 72 hours; Fr weeks). ARUP Standard : 72 hours; Frozen: 6

Reference Interval:

Available Separately	Components	Reference Interval
3000572	Hepatitis C Virus by Quantitative NAAT	Not Detected
0055593	Hepatitis C Virus Genotype by Sequencing	By report

Interpretive Data: Refer to report.

Note: If Hepatitis C Virus by Quantitative NAAT result is greater than or equal to 4,000 IU/mL, then Hepatitis C Virus Genotype by Sequencing will be added. Additional charges apply.

CPT Code(s): 87522; if reflexed, add 87902

New York DOH Approved.



New Test	3000577Hepatitis C Virus (HCV) by Quantitative NAAT with Reflex to HCV High-Resolution Genotype by Sequencing	HCVQT HGR
	Additional Technical Information	
Methodology: Performed: Reported:	Quantitative Transcription Mediated Amplification/Sequencing Sun-Sat 1-11 days	
Specimen Require	 Collect: Lavender (EDTA), Pink (K₂EDTA), Plasma Preparation Tube (PPT), or Serum Separator Tube (SST). Specimen Preparation: Separate from cells within 6 hours of collection. Transfer 3 mL serum or plasma to an A Transport Tube. (Min: 1.7 mL) Storage/Transport Temperature: Frozen. <u>Unacceptable Conditions:</u> Heparinized specimens. <u>Stability (collection to initiation of testing)</u>: After separation from cells. Ambient: Unacceptable; Refrigerated: 7 weeks 	RUP Standard 72 hours; Frozen: 6
Reference Inter	rval:	

Available Separately	Components	Reference Interval
3000572	Hepatitis C Virus by Quantitative NAAT	Not Detected
2006898	Hepatitis C Virus High-Resolution Genotype by Sequencing	By report

Interpretive Data: Refer to report.

Note: If Hepatitis C Virus by Quantitative NAAT result is greater than or equal to 100,000 IU/mL, then Hepatitis C Virus High-Resolution Genotype by Sequencing will be added. Additional charges apply.

CPT Code(s): 87522; if reflexed, add 87902

New York DOH Approved.



<u>2010784</u> Hepatitis C Virus Antibody by CIA with Reflex to HCV by Quantitative NAAT HCV AB QR

Methodology:	Qualitative Chemiluminescent Immunoassay/Quantitative Transcription Mediated Amplification		
Performed:	Sun-Sat		
Reported:	Within 48 hours		
-	If reflexed, add 1-3 days		

 Specimen Required: Collect: Serum Separator Tube (SST). Also acceptable: Lavender (EDTA) or Pink (K2EDTA).

 Specimen Preparation: Separate from cells within 6 hours of collection. Transfer 2.5 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 1.5 mL)

 Storage/Transport Temperature: Frozen.

 Unacceptable Conditions: Specimens containing particulate material. Severely hemolyzed, heat-inactivated, or lipemic specimens. Heparinized plasma.

 Stability (collection to initiation of testing): After separation from cells: Ambient: Unacceptable; Refrigerated: 5 days; Frozen: 2 months (avoid freeze/thaw cycles)

Reference Interval:

Effective August 20, 2018

Test Number	Components	Reference Interval	
2002483	Hepatitis C Virus Antibody by CIA	Negative	
	Hepatitis C Antibody by CIA Index	0.79 IV or less	Negative
		0.80 to 0.99 IV	Equivocal
		1.00 to 10.99 IV	Low Positive
		11.00 IV or greater	High Positive
3000572	Hepatitis C Virus (HCV) by Quantitative NAAT	Not Detected	

Note: If the anti-HCV screening result is low positive or high positive, the Hepatitis C Virus by Quantitative NAAT will be added. Additional charges apply.

HOTLINE NOTE: There is a reflexive pattern change associated with this test. Remove reflex to 0098268, Hepatitis C Virus by Quantitative PCR. Add reflex to 3000572, Hepatitis C Virus (HCV) by Quantitative NAAT.

0055593 Hepatitis C Virus Genotype by Sequencing

HEPCGENO

 Specimen Required: Collect: Lavender (EDTA), Pink (K2EDTA), Plasma Preparation Tube (PPT) or Serum Separator Tube (SST).

 Specimen Preparation: Separate from cells within 6 hours of collection. Transfer 2 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)

 Storage/Transport Temperature: Frozen.

 Remarks: Please submit most recent viral load and test date, if available.

 Unacceptable Conditions: Heparinized specimens.

 Stability (collection to initiation of testing): After separation from cells: Ambient: Unacceptable; Refrigerated: 72 hours; Frozen: 4 months

0050364 Herpes Simplex Virus Type 1 and/or 2 Antibodies, IgG & IgM (CSF) with Reflex to HERPRCSF Type 1 & 2 Glycoprotein G-Specific Ab, IgG

 Specimen Required: Collect: CSF.

 Specimen Preparation: Transfer 1 mL CSF to an ARUP Standard Transport Tube. (Min: 0.5 mL)

 Storage/Transport Temperature: Refrigerated.

 Unacceptable Conditions: Specimen types other than CSF. Contaminated, heat-inactivated, or hemolyzed specimens.

 Stability (collection to initiation of testing): Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year

0050408 Herpes Simplex Virus Type 1 and/or 2 Antibodies, IgM by ELISA, CSF

HSVMCCSF

 Specimen Required: Collect: CSF.

 Specimen Preparation: Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.2 mL)

 Storage/Transport Temperature: Refrigerated.

 Remarks: Indicate source on test request form.

 Unacceptable Conditions: Specimen types other than CSF. Contaminated, heat-inactivated, or hemolyzed specimens.

 Stability (collection to initiation of testing): Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year



<u>0050379</u>	Herpes Simplex Virus Type 1 Glycoprotein G-Specific Antibody, IgG by ELISA, CSF	HERPICSF
Specimen Require	ed: <u>Collect:</u> CSF.	
	<u>Specimen Preparation:</u> Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.2 mL) Storage/Transport Temperature: Refrigerated.	
	Remarks: Indicate source on test request form.	
	<u>Unacceptable Conditions:</u> Specimen types other than CSF. Contaminated, heat-inactivated, or hemolyzed specime <u>Stability (collection to initiation of testing)</u> : Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year	ens.
0050359	Herpes Simplex Virus Type 2 Glycoprotein G-Specific Antibody, IgG by ELISA,	HERPIICSF
	CSF	
Specimen Require	ed: <u>Collect:</u> CSF.	
	Specimen Preparation: Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.2 mL)	
	Storage/Transport Temperature: Refrigerated.	
	Remarks: Indicate source on test request form.	
	<u>Unacceptable Conditions:</u> Specimen types other than CSF. Contaminated, heat-inactivated, or hemolyzed specime	ens.
	Stability (collection to initiation of testing): Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year	
New Test	<u>3000477</u> Hypersensitivity Pneumonitis Panel	HYPER PAN
Available Now		
Methodology:	Qualitative Immunodiffusion	
Performed:	Sun-Sat	
Reported:	3-5 days	
Specimen Require	ed: Collect: Serum separator tube.	
	Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to a	n ARUP Standard
	Transport Tube. (Min: 0.15 mL)	
	Storage/Transport Temperature: Refrigerated.	
	Unacceptable Conditions: Plasma.	
	Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks	s; Frozen: 1 year

(avoid repeated freeze/thaw cycles)

Reference Interval:

Test Number	Components	Reference Interval
	A. fumigatus #1 Ab, Precipitin	None detected
	A. fumigatus #6 Ab, Precipitin	None detected
	A. pullulans Ab, Precipitin	None detected
	Pigeon Serum, Ab, Precipitin	None detected
	M. faeni Ab, Precipitin	None detected
	T. vulgaris #1 Ab Precipitin	None detected
	A. flavus Ab, Precipitin	None detected
	A. fumigatus #2 Ab, Precipitin	None detected
	A. fumigatus #3 Ab, Precipitin	None detected
	S. viridis Ab, Precipitin	None detected
	T. candidus Ab, Precipitin	None detected
	T. sacchari Ab, Precipitin	None detected

Note: Testing includes antibodies directed at Aspergillus fumigatus #1, Aspergillus fumigatus #6, Aureobasidium pullulans, Pigeon Serum, Micropolyspora faeni, Thermoactinomyces vulgaris #1, Aspergillus flavus, Aspergillus fumigatus #2, Aspergillus fumigatus #3, Saccharomonospora viridis, Thermoactinomyces candidus and Thermoactinomyces sacchari.

CPT Code(s): 86331 x7; 86606 x5

New York DOH Approved.



New Test Available Now	<u>3000539</u> Imatinib	IMATINIB	
Methodology:	Immunoturbidimetry		
Performed:	Tue, Fri		
Reported:	1-5 days		
Specimen Required	1: <u>Patient Prep:</u> Prior to testing patient should have had uninterrupted imatinib the treatment for at least 8 days. Blood draw should be performed immediately prior <u>Collect:</u> Plasma, Pre-dose (Trough) Draw - At a Steady State Concentration, in (Green)	erapy for at least 29 days with no change in dose or or to the next scheduled dose. K_2EDTA (Lavender or Pink) or Lithium Heparin	
	Specimen Preparation: Separate from cells within 48 hours of collection. Centri separate the plasma from cells. Carefully draw off the plasma starting from the (contamination of plasma with blood cells may interfere with results). Transfer (Min: 0.5 mL)	ifuge the whole blood for a minimum of 10 minutes to top of the plasma layer, avoiding the cell layer 1 mL plasma to an ARUP Standard Transport Tube.	
	<u>Storage/Transport Temperature:</u> Refrigerated <u>Unacceptable Conditions:</u> Whole blood, gel separator tubes, light blue (citrate), <u>Stability (collection to initiation of testing)</u> : Ambient: 7 days; Refrigerated: 30 d	, or yellow top tubes. days; Frozen: 30 days	
Reference Interv	al: 500-1999 ng/mL		
Interpretive Data chronic myelogenou stromal tumor (GIST	: The therapeutic range is based on plasma pre-dose (trough) draw at steady-state s leukemia (CML) patients, and above 1100 ng/mL in gastrointestinal () patients are statistically associated with an improved response.	e concentration. Concentrations above 1000 ng/mL in	
CPT Code(s):	80299		
New York DOH app	proval pending. Call for status update.		
HOTLINE NOT	E: Refer to the Test Mix Addendum for interface build information.		
2008320	Infliximab and Infliximab-dyyb Activity and Neutralizing	Antibody IFX NAB	
CPT Code(s):	80299; 82397		
<u>2013612</u>	Infliximab and Infliximab-dyyb with Reflex to Antibody	IFX DL R	
CPT Code(s):	80299, if reflexed add 82397		



New Test	<u>3000599</u>	Kidney Profile	KID PRO
Methodology:	Quantitative Imr	nunoturbidimetry/Quantitative Enzymatic/Quantitative Spectrophotometry	
Reported:	Within 24 hours		
Specimen Require	d: <u>Collect:</u> Plasma <u>Specimen Prepar</u> Transfer 1 mL so ARUP Standard percent NaOH.	Separator Tube (PST) or Serum Separator Tube (SST) AND random urine. Also ration Allow serum tube to clot completely at room temperature. Separate from c erum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL) AND Tran Transport Tube. (Min: 0.5 mL) Also acceptable: Urine specimens previously pre-	acceptable: 24 hour urine. ells ASAP or within 2 hours. sfer one 3 mL aliquot of urine to an eserved with 6M HCl, boric acid, or 5
	Storage/Transpo	rt Temperature: Refrigerated.	
	<u>Kemarks:</u> Patien <u>Unacceptable Co</u> <u>oxalate/sodium f</u>	t age and sex are required for calculation. <u>inditions: Specimens obtained through catheters, used to infuse hyperalimentation</u> <u>fluoride, citrate, or EDTA as anticoagulants.</u>	n fluid. Specimens with potassium
	<u>Unacceptable Co</u> <u>oxalate/sodium f</u> Stability (collect	onditions: Specimens obtained through catheters, used to infuse hyperalimentation iluoride, citrate, or EDTA as anticoagulants. tion to initiation of testing): Ambient: 48 hours: Refrigerated: 1 week: Frozen: 3	n fluid. Specimens with potassion months

Reference Interval: By report

Interpretive Data: The CKD-EPI equation for non-African American individuals is used to calculate the estimated glomerular filtration rate (GFR). To estimate the GFR for African Americans, multiply the provided GFR result by 1.16.

The CKD-EPI equation is validated in individuals 18 years of age and older. However, the equation is less accurate in patients with extremes of muscle mass, restriction of dietary protein, ingestion of creatine, extra-renal metabolism of creatinine, or treatment with medications that affect renal tubular creatinine secretion.

GFR Categories in Chronic Kidney Disease (CKD)			
GFR Category	GFR (mL/min/1.73 square meters)	Terms	
G1	Greater than or equal to 90	Normal or high*	
G2	60-89	Mildly decreased*	
G3a	45-59	Mildly to moderately decreased	
G3b	30-44	Moderately to severely decreased	
G4	15-29	Severely decreased	
G5	Less than 15 Kidney failure		
*In the absence of evidence of kidney damage, neither GFR category G1 nor G2 fulfill the			
criteria for CKD (Kidney Int Suppl 2013;3:1-150)			

Note: If a 24-hour urine collection is submitted, 24-hour calculations will not be performed. If 24-hour calculations are required, refer to test code 0050203 Albumin-Creatinine Ratio, Urine.

CPT Code(s): 82043, 82570, 82565

New York DOH approval pending. Call for status update.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.

0020516 Lactic Acid, CSF LA-CF Specimen Required: Collect: CSF. Collect on ice. Specimen Preparation: Centrifuge and transport 0.5 mL supernatant. (Min: 0.2 mL) Storage/Transport Temperature: Frozen. Separate specimens must be submitted when multiple tests are ordered. Stability (collection to initiation of testing): After separation from cellular material: Ambient: Unacceptable; Refrigerated: 2 weeks; Frozen: 1 month 0051726 Leishmania Antibody, IgG (Visceral Leishmaniasis) LEISH IGG

Methodology: Qualitative Immunoassay

Reference Interval: Effective August 20, 2018 Negative



<u>2013716</u>	LipoFit by NMR	NMRLIPFIT
Specimen Required:	Patient Prep: Fast 12 hours prior to collection. <u>Collect:</u> Greiner Bio-One Clot Activator Tube (ARUP supply #53483) available online through eSupply using by contacting ARUP Client Services at (800) 522-2787. Also acceptable: Plain Red.	g ARUP Connect TM or
	Specimen Preparation: Gently invert tube to mix contents; allow to clot at room temperature. Separate from co Transfer 4 mL serum to an ARUP Standard Transport Tube. (Min: 2 mL) Storage/Transport Temperature: Refrigerated	ells within 8 hours.
	<u>Unacceptable Conditions:</u> Plasma. Serum separator tubes other than Greiner Bio-One. Non-fasting or lipemic <u>Stability (collection to initiation of testing):</u> Ambient: 24 hours; Refrigerated: 1 week; Frozen: Unacceptable	specimens.
2013715	LipoFit by NMR, Particle Count Only	NMRLIPFITP
Specimen Required:	Patient Prep: Fast 12 hours prior to collection. <u>Collect:</u> Greiner Bio-One Clot Activator Tube (ARUP supply #53483). Available online through eSupply usin by contacting ARUP Client Services at (800) 522-2787. Also acceptable: Plain red.	ng ARUP Connect ™ or
	<u>Specimen Preparation:</u> Genuy invert tube to mix contents and anow to clot at room temperature. Separate service hours. Transfer 2 mL serum to an ARUP Standard Transport Tube. (Min: 1 mL) <u>Storage/Transport Temperature:</u> Refrigerated.	um from cells within 8
	<u>Unacceptable Conditions:</u> Plasma. Serum separator tubes other than Greiner Bio-One. Non-fasting or lipemic <u>Stability (collection to initiation of testing):</u> Ambient: 2 days; Refrigerated: 1 month; Frozen: Unacceptable	specimens.
<u>0054441</u>	Measles (Rubeola) Antibody, IgM, CSF	MEASLMCSF
Specimen Required:	<u>Collect:</u> CSF. <u>Specimen Preparation:</u> Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. Also acceptable: Frozen. <u>Unacceptable Conditions:</u> Specimen types other than CSF. Contaminated, heat-inactivated, or hemolyzed spectrability (collection to initiation of testing): Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year	cimens.
0054443	Mumps Virus Antibody IgM, CSF	MUMPSMCS
Specimen Required:	<u>Collect:</u> CSF. <u>Specimen Preparation:</u> Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.2 mL) <u>Storage/Transport Temperature:</u> Refrigerated. Also acceptable: Frozen. <u>Unacceptable Conditions:</u> Specimen types other than CSF. Contaminated, heat-inactivated, or hemolyzed spectrability (collection to initiation of testing): Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year	cimens.
New Test	<u>3000523</u> Mumps Virus by PCR	MPSPCR
Methodology: Performed: Reported:	Qualitative Polymerase Chain Reaction Mon, Wed, Fri, Sat 1-4 days	
Specimen Required:	Patient Prep: Patient should not eat, drink, smoke or chew gum for 30 minutes before collecting oral sample.	
	Specimen Preparation: Transfer buccal swab to viral transport media (ARUP supply #12884) available online ARUP Connect [™] or contact ARUP Client Services at (800) 522-2787. (Min: 0.5 mL) Storage/Transport Temperature: Frozen. Remarks: Specimen source required. Stability (collection to initiation of testing): Ambient: 48 hours; Refrigerated: 1 week; Frozen: 1 week	through eSupply using
Interpretive Data:	See Compliance Statement B: www.aruplab.com/CS	
CPT Code(s):	87798	
New York DOH appr	oval pending. Call for status update.	



2007190 Occult Blood, Fecal by Immunoassay

HOTLINE NOTE: There is a component change associated with this test. Remove component 2007191, Occult Blood, Fecal Immunoassay

3000197 PD-L1 22C3 IHC for Gastric/GEJ with Interpretation, pembrolizumab (KEYTRUDA)

Specimen Required: Collect: Tumor tissue.

<u>Specimen Preparation:</u> Formalin fix (10 percent neutral buffered formalin) and paraffin embed specimen. Protect paraffin block and/or slides from excessive heat. Transport tissue block or 5 unstained (3- to 5-micron thick sections), positively charged slides in a tissue transport kit (ARUP supply #47808 recommended but not required), available online through eSupply using ARUP Connector contact ARUP Client Services at (800) 522-2787. (Min: 3 slides) If sending precut slides, do not oven bake. <u>Storage/Transport Temperature:</u> Room temperature. Also acceptable: Refrigerated. Ship in cooled container during summer months. <u>Remarks:</u> Include surgical pathology report and indicate tissue site with the test order. For additional technical details, please contact

<u>Remarks:</u> Include surgical pathology report and indicate tissue site with the test order. For additional technical details, please contact ARUP Client Services at (800) 522-2787.

<u>Unacceptable Conditions:</u> Paraffin block with no tumor tissue remaining; specimens fixed in any fixative other than 10 percent neutral buffered formalin. Decalcified specimens. Specimens with fewer than 100 viable tumor cells. Lung specimens. <u>Stability (collection to initiation of testing)</u>: **Slides:** Ambient: 5 months (Must be stored in the dark); Refrigerated: 5 months (Must be stored in the dark); Frozen: Unacceptable

Paraffin Block: Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable

2013284 PD-L1 22C3 IHC for NSCLC by Immunohistochemistry with Interpretation, pembrolizumab (KEYTRUDA)

Specimen Required: Collect: Tumor tissue.

Specimen Preparation: Formalin fix (10 percent neutral buffered formalin) and paraffin embed specimen. Protect paraffin block and/or slides from excessive heat. Transport tissue block or 5 unstained (3- to 5-micron thick sections), positively charged slides in a tissue transport kit (ARUP supply #47808 recommended but not required), available online through eSupply using ARUP Connector contact ARUP Client Services at (800) 522-2787. (Min: 3 slides) If sending precut slides, do not oven bake.
 Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated. Ship in cooled container during summer months. Remarks: Include surgical pathology report and indicate tissue site with the test order. For additional technical details, please contact ARUP Client Services at (800) 522-2787.
 Unacceptable Conditions: Gastric/GEJ specimens. Paraffin block with no tumor tissue remaining. Specimens fixed in any fixative other than 10 percent neutral buffered formalin. Decalcified specimens. Specimens with fewer than 100 viable tumor cells.
 Stability (collection to initiation of testing): Slides: Ambient: 6 months (Must be stored in the dark); Frozen: Unacceptable
 Pareffin Block. Indefinitely. Engrant. Unacceptable

able
t

2013025	Perampanel Quantitative, Serum or Plasma	PERAMP
Performed:	Varies	
Reported:	3-10 days	
2012130	Phosphatidylethanol (PEth)	PHOS PHAT
CPT Code(s):	80321 (Alt code: G0480)	
0051622	Phosphatidylethanolamine Antibodies, IgG, IgM and IgA	PHOSETHPAN
Performed:	Tue	
Reported:	1-8 days	
<u>0051601</u>	Phosphatidylethanolamine Antibody, IgA	PHOSETH A
Performed:	Tue	
Reported:	1-8 days	

FOB IA

22C3 GAST

22C3 IP



Phosphatidylethanolamine Antibody, IgG	PHOSETH G
Tue	
1-8 days	
Phosphatidylethanolamine Antibody, IgM	PHOSETH M
Tue	
1-8 days	
<u>3000400</u> QuantiFERON-TB Gold Plus, 1-Tube	QFT-PLUS
Cell Culture/Semi-Quantitative Enzyme-Linked Immunosorbent Assay	
Sun-Sat	
1-2 days	
: <u>Collect:</u> QuantiFERON-TB Gold Plus 1-tube (ARUP Supply #54015) available online throu contact ARUP Client Services at (800) 522-2787. For collection and transport instructions r Handling at https://aruplab.com/testing/specimen/quantiferon. <u>Specimen Preparation:</u> Specimen must remain ambient for a minimum of 15 minutes after c Transport 5 mL whole blood. (Min: 5 mL) Storage/Transport Temperature: Refrigerated	ugh eSupply using ARUP Connect [™] or efer to QuantiFERON under Special collection before being refrigerated.
Stability (collection to initiation of testing): Ambient: 3 hours; Refrigerated: 48 hours; Froze	en: Unacceptable
	Phosphatidylethanolamine Antibody, IgG Tue 1-8 days Phosphatidylethanolamine Antibody, IgM Tue 1-8 days 3000400 QuantiFERON-TB Gold Plus, 1-Tube Cell Culture/Semi-Quantitative Enzyme-Linked Immunosorbent Assay Sun-Sat 1-2 days Collect: QuantiFERON-TB Gold Plus 1-tube (ARUP Supply #54015) available online throw contact ARUP Client Services at (800) 522-2787. For collection and transport instructions r Handling at https://aruplab.com/testing/specimen/quantiferon. Specimen Preparation: Specimen must remain ambient for a minimum of 15 minutes after c Transport 5 mL whole blood. (Min: 5 mL) Storage/Transport Temperature: Refrigerated. Stability (collection to initiation of testing): Ambient: 3 hours; Refrigerated: 48 hours; Froze

Reference Interval:

Components	Reference Interval
QuantiFERON-TB Gold In-Tube	Negative
QuantiFERON-TB1 minus NIL	0.34 IU/mL or less
QuantiFERON-TB2 minus NIL	0.34 IU/mL or less
QuantiFERON MITOGEN minus NIL	No reference interval
QuantiFERON NIL	No reference interval

Interpretive Data: Interferon gamma release is measured for specimens from each of the four collection tubes. A qualitative result (Negative, Positive, or Indeterminate) is based on interpretation of the four values, NIL, MITOGEN minus NIL (MITOGEN-NIL), TB1 minus NIL (TB1-NIL), and TB2 minus NIL (TB2-NIL). The NIL value represents nonspecific reactivity produced by the patient specimen. The MITOGEN-NIL value serves as the positive control for the patient specimen, demonstrating successful lymphocyte activity. The TB1-NIL tube specifically detects CD4+ lymphocyte reactivity, specifically stimulated by the TB1 antigens. The TB2-NIL tube detects both CD4+ and CD8+ lymphocyte reactivity, stimulated by TB2 antigens. An overall Negative result does not completely rule out TB infection.

A false-positive result in the absence of other clinical evidence of TB infection is not uncommon. Refer to: Updated Guidelines for Using Interferon Gamma Release Assays to Detect Mycobacterium tuberculosis Infection --- United States, 2010 (<u>http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5905a1.htm</u>), for more information concerning test performance in low-prevalence populations and use in occupational screening.

Note: If the stability requirements cannot be met, please refer to test 3000399, QuantiFERON-TB Gold Plus, 4-Tube.

CPT Code(s): 86480

New York DOH Approved.



New Test Available Now	<u>3000399</u>	QuantiFERON-TB	B Gold Plus, 4-Tube		QFT-4
Methodology: Performed: Reported:	Cell Culture/Ser Sun-Sat 1-2 days	ni-Quantitative Enzyme-Linke	ed Immunosorbent Assay		
Specimen Required	: <u>Collect:</u> QuantiF (HIGH ALTITU contact ARUP C placed in an incu https://aruplab.c <u>Specimen Prepa</u> <u>Storage/Transpo</u> <u>Unacceptable Co</u> <u>Stability (collect</u>	FERON-TB Gold Plus (Standar JDE) 4-Tube Collection Kit (A Client Services at (800) 522-273 ubator. For collection and trans- com/testing/specimen/quantifer- ration: Transport plasma in the <u>ort Temperature:</u> Refrigerated. <u>onditions:</u> Whole blood. tion to initiation of testing): Ar	rd) 4-Tube Collection Kit (RUP Supply #54010) avail 87. Specimens may remain sport instructions refer to Q on. e original containers. (Min: nbient: 2 hours; Refrigerate	ARUP Supply #54012) or Qu able online through eSupply ambient for up to 16 hours at uantiFERON under Special F 0.8 mL per container) ed: 1 month; Frozen: Unaccep	uantiFERON-TB Gold Plus using ARUP Connect TM or fter collection before being Handling at
Reference Interva	ıl:				

Components	Reference Interval	
QuantiFERON-TB Gold In-Tube	Negative	
QuantiFERON-TB1 minus NIL	0.34 IU/mL or less	
QuantiFERON-TB2 minus NIL	0.34 IU/mL or less	
QuantiFERON MITOGEN minus NIL	No reference interval	
QuantiFERON NIL	No reference interval	

Interpretive Data: Interferon gamma release is measured for specimens from each of the four collection tubes. A qualitative result (Negative, Positive, or Indeterminate) is based on interpretation of the four values, NIL, MITOGEN minus NIL (MITOGEN-NIL), TB1 minus NIL (TB1-NIL), and TB2 minus NIL (TB2-NIL). The NIL value represents nonspecific reactivity produced by the patient specimen. The MITOGEN-NIL value serves as the positive control for the patient specimen, demonstrating successful lymphocyte activity. The TB1-NIL tube specifically detects CD4+ lymphocyte reactivity, specifically stimulated by the TB1 antigens. The TB2-NIL tube detects both CD4+ and CD8+ lymphocyte reactivity, stimulated by TB2 antigens. An overall Negative result does not completely rule out TB infection.

A false-positive result in the absence of other clinical evidence of TB infection is not uncommon. Refer to: Updated Guidelines for Using Interferon Gamma Release Assays to Detect Mycobacterium tuberculosis Infection --- United States, 2010 (http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5905a1.htm), for more information concerning test performance in low-prevalence populations and use in occupational screening.

CPT Code(s): 86480

New York DOH Approved.

<u>0050371</u>	<i>Rickettsia rickettsii</i> (Rocky Mountain Spotted Fever) Antibodies, IgG & IgM by IFA	RMSF G/M
Performed:	Sun-Sat	
Reported:	1-3 days	
Specimen Required	 <u>Collect:</u> Serum Separator Tube (SST). <u>Specimen Preparation</u>: Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an AR Transport Tube. (Min: 0.3 mL) Parallel testing is preferred and convalescent specimens must be received within of the acute specimens. <u>Storage/Transport Temperature</u>: Refrigerated. <u>Remarks</u>: Mark specimens plainly as "acute" or "convalescent." <u>Unacceptable Conditions</u>: Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability (collection to initiation of testing)</u>: After separation from cells: Ambient: 48 hours; Refrigerated: 2 week (avoid repeated freeze/thaw cycles) 	UP Standard 30 days from receipt s; Frozen: 1 year



0050369	Rickettsia rickettsii (Rocky Mountain Spotted Fever) Antibody, IgG	RMSF G
Performed: Reported:	Sun-Sat 1-3 days	
Specimen Require	ed: <u>Collect:</u> Serum Separator Tube (SST). <u>Specimen Preparation:</u> Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an AR Transport Tube. (Min: 0.3 mL) Parallel testing is preferred and convalescent specimens must be received within of the acute specimens. <u>Storage/Transport Temperature:</u> Refrigerated.	UP Standard 30 days from receipt
	<u>Remarks:</u> Mark specimens plainly as "acute" or "convalescent." <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability (collection to initiation of testing):</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 week (avoid repeated freeze/thaw cycles)	ks; Frozen: 1 year
0050372	Rickettsia rickettsii (Rocky Mountain Spotted Fever) Antibody, IgM	RMSF M
Performed: Reported:	Sun-Sat 1-3 days	
Specimen Require	 Collect: Serum Separator Tube (SST). Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an AR Transport Tube. (Min: 0.3 mL) Parallel testing is preferred and convalescent specimens must be received within of the acute specimens. Storage/Transport Temperature: Refrigerated. Remarks: Mark specimens plainly as "acute" or "convalescent." Unacceptable Conditions: Contaminated, hemolyzed, or severely lipemic specimens. Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 week (avoid repeated freeze/thaw cycles) 	UP Standard 30 days from receipt ss; Frozen: 1 year
0050384	Rickettsia typhi (Typhus Fever) Antibodies, IgG & IgM by IFA	TYPHU G/M
Performed: Reported:	Sun-Sat 1-3 days	
Specimen Require	 Collect: Serum Separator Tube (SST). Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an AR Transport Tube. (Min: 0.3 mL) Parallel testing is preferred and convalescent specimens must be received within of the acute specimens. Storage/Transport Temperature: Refrigerated. Remarks: Mark specimens plainly as "acute" or "convalescent." Unacceptable Conditions: Contaminated, hemolyzed, or severely lipemic specimens. Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weel (avoid repeated freeze/thaw cycles) 	UP Standard 30 days from receipt xs; Frozen: 1 year
0050381	Rickettsia typhi (Typhus Fever) Antibody, IgG by IFA	TYPHU G
Performed: Reported:	Sun-Sat 1-3 days	
Specimen Require	 <u>Collect:</u> Serum Separator Tube (SST). <u>Specimen Preparation:</u> Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an AR Transport Tube. (Min: 0.3 mL) Parallel testing is preferred and convalescent specimens must be received within of the acute specimens. <u>Storage/Transport Temperature:</u> Refrigerated. <u>Remarks:</u> Mark specimens plainly as "acute" or "convalescent." <u>Unacceptable Conditions:</u> Contaminated, hemolyzed, or severely lipemic specimens. <u>Stability (collection to initiation of testing):</u> After separation from cells: Ambient: 48 hours; Refrigerated: 2 week (avoid repeated freeze/thaw cycles) 	UP Standard 30 days from receipt ss; Frozen: 1 year



TYPHU M 0050383 Rickettsia typhi (Typhus Fever) Antibody, IgM by IFA **Performed:** Sun-Sat **Reported:** 1-3 days Specimen Required: Collect: Serum Separator Tube (SST). Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.3 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens. Storage/Transport Temperature: Refrigerated. Remarks: Mark specimens plainly as "acute" or "convalescent." Unacceptable Conditions: Contaminated, hemolyzed, or severely lipemic, specimens. Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles) 0099564 Strongyloides Antibody, IgG by ELISA, Serum STRONGY

Specimen Required: Collect: Serum Separator Tube (SST) or Plain Red.

 Specimen Preparation:
 Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min. 0.3 mL)

 Storage/Transport Temperature:
 Refrigerated.

 Unacceptable Conditions:
 Bacterially contaminated, heat-inactivated, hemolyzed, icteric, or lipemic specimens.

 Stability (collection to initiation of testing):
 After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

Reference Interval:

Effective August 20, 2018

0.9 IV or less	Negative - No significant level of Strongyloides IgG antibody detected.	
1.0 IV	Equivocal - The <i>Strongyloides</i> IgG antibody result is borderline and therefore inconclusive. Recommend retesting the patient in 2-4 weeks, if clinically indicated.	
1.1 IV or greater	Positive - IgG antibodies to Strongyloides detected, which may suggest current or past infection.	

HOTLINE NOTE: There is a numeric map change associated with this test.

Change the numeric map for component 0099564, Strongyloides Antibody, IgG By ELISA from XX.XX to XXXX.

New Test3000584Tapentadol, Free, Serum or PlasmaTAPEN SPMethodology:Quantitative Liquid Chromatography-Tandem Mass SpectrometryVariesPerformed:VariesReported:4-11 daysSpecimen Required: Collect: Plain Red, Lavender (EDTA), or Pink (K2EDTA).

 Specimen Preparation:
 Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.4 mL)

 Storage/Transport Temperature:
 Refrigerated. Also acceptable: Room temperature or frozen.

 Unacceptable Conditions:
 Separator tubes.

 Stability (collection to initiation of testing):
 Ambient: 1 month; Refrigerated: 1 month; Frozen: 1 month

CPT Code(s): 80372 (Alt code: G0480)

New York DOH Approved.



0030177 Thrombotic Risk, Inherited Etiologies (Uncommon)

THROMUNCOM

Reference Interval:

Test Number	Components	Reference Interval		
0030235	Partial Thromboplastin Time	24-35 seconds		
0030215	Prothrombin Time	12.0-15.5 seconds		
0030113	Protein C, Functional	Effective November	17, 2014	
		Age	Reference Interval	
		1-4 days	17-53%	
		5-29 days	20-64%	
		30-89 days	21-65%	
		90-179 days	28-80%	
		180-364 days	37-81%	
		1-6 years	40-92%	
		7-9 years	70-142%	
		10-11 years	68-143%	
		12-13 years	66-162%	
		14-15 years	69-170%	
		16-17 years	70-171%	
		18 years and older	83-168%	
0098894	Protein S Free, Antigen	Age	Male	Female
		1-89 days	15-55%	15-55%
		90-179 days	35-92%	35-92%
		180-364 days	45-115%	45-115%
		1-5 years	62-120%	62-120%
		6-9 years	62-130%	62-130%
		10-17 years	60-140%	60-140%
		18 years and older	74-147%	55-123%
0030010	Antithrombin, Enzymatic (Activity)	Age	Reference Interval	
		1-4 days	39-87%	
		5-29 days	41-93%	
		30-89 days	48-108%	
		90-179 days	73-121%	
		180-364 days	84-124%	
		1-5 years	82-139%	
		6 years	90-131%	
		7-9 years	90-135%	
		10-11 years	90-134%	
		12-13 years	90-132%	
		14-15 years	90-131%	
		16-17 years	87-131%	
		18 years and older	76-128%	

0051332 UDP Glucuronosyltransferase 1A1 (UGT1A1) Genotyping

UGT1A1

VZMCSF

Performed:VariesReported:2-7 days

0054445 Varicella-Zoster Virus Antibody, IgM by ELISA (CSF)

Specimen Required: Collect: CSF.

<u>Specimen Preparation:</u> Transfer 0.5 mL CSF to an ARUP Standard Transport Tube. (Min: 0.3 mL) <u>Storage/Transport Temperature:</u> Refrigerated. <u>Unacceptable Conditions:</u> Specimen types other than CSF. Contaminated, heat-inactivated, or hemolyzed specimens. <u>Stability (collection to initiation of testing):</u> Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year



The following will be discontinued from ARUP's test menu on August 20, 2018. Replacement test options are supplied if applicable.

Test Number	Test Name	Refer To Replacement
0091267	Chloral Hydrate Metabolite, Serum or Plasma	
<u>2013277</u>	Esterase, Non-Specific Cytochemical Stain Only	
0092254	Estronex Profile, Urine	
2002685	Hepatitis C Virus (HCV) by Quantitative PCR with Reflex to HCV Genotype by Sequencing	Hepatitis C Virus (HCV) by Quantitative NAAT with Reflex to HCV Genotype by Sequencing (<u>3000576</u>)
<u>2010793</u>	Hepatitis C Virus (HCV) by Quantitative PCR with Reflex to HCV High-Resolution Genotype by Sequencing	Hepatitis C Virus (HCV) by Quantitative NAAT with Reflex to HCV High-Resolution Genotype by Sequencing (3000577)
0098268	Hepatitis C Virus by Quantitative PCR	Hepatitis C Virus (HCV) by Quantitative NAAT (3000572)
0091504	Hydrochlorothiazide Quantitative, Urine	
2014510	Molybdenum Quantitative, Urin	
2009387	Mumps Virus RNA Qualitative, Real-Time PCR	Mumps Virus by PCR (3000523)
<u>2013273</u>	Myeloperoxidase, Cytochemical Stain Only	
2004067	p21 (Waf1/Cip 1) by Immunohistochemistry	
0051729	QuantiFERON-TB Gold In-Tube	QuantiFERON-TB Gold Plus, 1-Tube (3000400)
0049180	Sezary Cell Exam	
<u>2003133</u>	Tapentadol and Metabolite, Serum or Plasma, Quantitative	Tapentadol, Free, Serum or Plasma (3000584)
0049060	Tartrate Resistant Acid Phosphatase Stain	
<u>2013275</u>	Tartrate-Resistant Acid Phosphatase, Cytochemical Stain Only	
0030268	Thrombotic Risk (Acquired) Reflexive Panel	
0091433	Titanium, Urine	
0091112	Tocainide Quantitation, Serum or Plasma	