

October 28, 2009

**Dear Colleague:**

Specialty Laboratories is pleased to announce the January availability of two trace metal assays, **Aluminum, Random Urine w/out Creatinine [4860UR]** and **Zinc, Random Urine w/out Creatinine [4878UR]**, to our extensive menu of toxicology tests. There have also been changes in other trace metal tests and infectious disease tests, including several new specimen requirements. Please pass this information on to your staff responsible for obtaining these assay specimens.

Fungal and bacterial cultures not meeting the stated turnaround time will be reported with a comment stating the cause for the delay (examples: purification of mixed cultures, slow growth, absence of sporulation).

Also note that **Vitamin D, 25-Hydroxy Total [LC-MS-MS] [3541]** is the recommended replacement for the discontinued **Vitamin D, 25-Hydroxy (Calcifediol) [3521]**.

We are pleased to inform you that **BCL1 DetectR [5048]**, **CMV DNA DetectR [7575]** and **Anti Mullerian Hormone [3138]** have all been approved by the Wadsworth Center and are now available for ordering on patients from New York State.

As a service to our clients, we have created the attached Urine Preservatives chart to simplify the submission of urine samples.

We thank you for choosing *Specialty* and look forward to your continued support. For additional information, please visit our Web site at [www.specialtylabs.com](http://www.specialtylabs.com) or contact Client Relations at 800-421-4449.

Respectfully Yours,



Christopher Lockhart, M.D.  
Laboratory Director

# New Tests (*Specialty*):

6110      **QuantiFERON®-TB Gold (Incubated)**

**(Available 11/16/09)**

<b>Component</b>	<b>Method</b>	<b>Reference Range/Units</b>
<b>QuantiFERON-TB Gold</b>	<b>EIA</b>	<b>Not detected</b>
Specimen/Stability	Specimen 1: Whole Blood QFT- <i>Nil</i> Control (grey cap, white ring) 1.0 (0.8) mL: Ambient 72 hours, Refrigerated 72 hours Specimen 2: Whole Blood QFT-TB Antigen (red cap, white ring) 1.0 (0.8) mL: Ambient 72 hours, Refrigerated 72 hours Specimen 3: Whole Blood QFT-Mitogen Control (purple cap, white ring) 1.0 (0.8) mL: Ambient 72 hours, Refrigerated 72 hours	
Alt Specimen	Specimen 1: Plasma QFT- <i>Nil</i> Control (grey cap, white ring) 1.0 (0.8) mL: Ambient 72 hours, Refrigerated 72 hours Specimen 2: Plasma QFT-TB Antigen (red cap, white ring) 1.0 (0.8) mL: Ambient 72 hours, Refrigerated 72 hours Specimen 3: Plasma QFT-Mitogen Control (purple cap, white ring) 1.0 (0.8) mL: Ambient 72 hours, Refrigerated 72 hours	
Collection Instructions	<ol style="list-style-type: none"> <li>For each patient, collect 1 mL of blood by venipuncture directly into each of the three (3) QuantiFERON®-TB Gold IT blood collection tubes. As 1 mL tubes draw blood relatively slowly, keep the tube on the needle for 2-3 seconds once the tube appears to have completed filling, to ensure that the correct volume is drawn. The black mark on the side of the tubes indicates the 1 mL fill volume. Tubes are manufactured to draw 1 mL +/- 10% and perform optimally within the range of 0.8 to 1.2 mL at altitudes from sea-level to 3,000 feet. Above this altitude, users should ensure that blood is drawn into each tube within these limits. If the level of blood in any tube is not close to the indicator line, it is recommended to obtain another blood sample. Under or overfilling of the tubes may lead to erroneous results. If a butterfly needle is being used, a purge tube should be used to ensure that the tubing is filled with blood before the QuantiFERON®-TB Gold IT tubes is used.</li> <li>Mix the tubes by SHAKING VIGOROUSLY for 5 seconds to ensure that the entire inner surface of the tube has been coated with the blood and label tubes appropriately.</li> <li>Ensure each tube (<i>Nil</i>, TB Antigen, Mitogen) is identifiable by its label or other means once the cap is removed. The tubes must be transferred to a 37 degree C +/- 1 degrees C incubator as soon as possible, and within 16 hours of collection. Before incubation, maintain tubes at room temperature. Do not refrigerate or freeze the blood samples. If the blood is not incubated immediately after collection, remixing of the tubes by vigorous shaking for 5 seconds must be repeated immediately before incubation, as described above.</li> <li>Incubate the three (3) tubes UPRIGHT at 37 degrees C +/- 1 degrees C for 16 to 24 hours. The incubator does not require CO2 or humidification.</li> <li>Following 37 degrees C +/- 1 degrees C incubation, the three (3) transport tubes (blood collection tubes) may be held between 2 degrees C and 27 degrees C for up to three (3) days before centrifugation. Transport to Specialty Laboratories immediately (preferred method).</li> <li>Alternatively, plasma may be collected for each of the three (3) transport tubes (blood collection tubes). Centrifuge the incubated tubes for 15 minutes at 2000 to 3000 RCF (g). The gel plug will separate the cells from the plasma. IF this does not occur, the tubes should be recentrifuged at a higher speed.</li> <li>Plasma samples can be stored in transport tubes (blood collection tubes) or aliquoted into plasma storage tubes and delivered to Specialty Laboratories. Plasma samples can be stored for up to 28 days at 2-8 degrees C or below -20 degrees C (preferably less than -70 degrees C) for extended periods.</li> <li>Transport at ambient temperature (22 degrees C +/- 5 degrees C). Do not transport specimens on ice or refrigerated.</li> </ol>	
Schedule	Tuesday-Saturday	
Report	Same day	
CPT Code	86480	
Regulatory Status	FDA-approved	
Note	The performance of the QuantiFERON®-TB Gold IT test has not been extensively evaluated in children younger than 17 years of age. Therefore, there is no published data to document the performance of the assay in this age group. This test requires that the client incubate the QuantiFERON®-TB Gold IT collection tubes at 36-38 degrees Celsius. For 16-24 hours before submission to Specialty Laboratories.	
Clinical Utility	QuantiFERON®-TB Gold is an indirect test for <i>M. tuberculosis</i> infection (including disease); and is intended for use in conjunction with the risk assessment, radiography and other medical and diagnostics evaluations.	

# New Tests (*Specialty*): (cont'd)

**4860UR Aluminum, Random Urine w/out Creatinine (Available 1/18/10)**

<u>Component</u>	<u>Method</u>	<u>Reference Range/Units</u>
<b>Aluminum Random</b>	<b>AS</b>	<b>5-30 mcg/L</b>

Specimen/Stability	Urine 7.0 (2.0) mL: Ambient 5 days, Refrigerated 14 days, Frozen 30 days	
Collection Instructions	Collect urine in an acid washed plastic container. Ship at room temperature.	
Schedule	Monday, Wednesday, Friday	
Report	Same day	
CPT Code	82108	
Clinical Utility	Individuals undergoing hemodialysis are at risk for aluminum toxicity. Prolonged accumulation may cause anemia, encephalopathy, and vitamin D-resistant osteomalacia. Also, workers exposed to high levels or to long-term low levels of aluminum dust are at increased risk of toxicity.	

**4878UR Zinc, Random Urine w/out Creatinine (Available 1/18/10)**

<u>Component</u>	<u>Method</u>	<u>Reference Range/Units</u>
<b>Zinc Random</b>	<b>AS</b>	<b>Not established mcg/L</b>

Specimen/Stability	Urine 7.0 (2.0) mL: Ambient 5 days, Refrigerated 14 days, Frozen 30 days	
Collection Instructions	Collect urine in an acid washed plastic container. Hemolyzed samples and samples with fecal contamination are not acceptable. Ship at room temperature.	
Schedule	Sunday, Wednesday, Friday	
Report	Same day	
CPT Code	84630	
Clinical Utility	Zinc is an essential element involved in a myriad of enzyme systems including wound healing, immune function, and fetal development. Zinc measurements are used to detect and monitor industrial, dietary, and accidental exposure to zinc. Also, zinc measurements may be used to evaluate health and monitor response to treatment.	

# Test Changes:

## 2406 *Mycoplasma pneumoniae* Culture

Effective Immediately  
Collection Instructions Unacceptable specimens: Swabs (dry, calcium, alginate, wood);  
Specimens (genital); Specimens collected and transported in M4RT  
media.

## 2408 *Ureaplasma urealyticum*/*Mycoplasma hominis* Culture

Effective Immediately  
Collection Instructions Unacceptable specimens: Swabs (dry, calcium, alginate, wood);  
Specimens (respiratory); Specimens collected and transported in M4RT  
media.

Also affected DOS Code 2399, 2429

## 5697 Respiratory Syncytial Virus Ag Detection

Effective Immediately  
CPT Code 87807

## 7473 Hepatitis C Virus SubtypR®

Effective Immediately  
Always Statement The Genotypes & Subtypes which can be detected with this  
methodology include:  
1a, 1b, 1a/b, 1, 2a/2c (2a can not be distinguished from 2c), 2b,  
2, 3a, 3b, 3c, 3, 4a/4c/4d (4a can not be distinguished from 4c and  
4d), 4b, 4e, 4f, 4h, 4, 5a, 6a/6b (6a can not be distinguished from  
6b), 6c-1.

Also affected Reflex of DOS Codes 7476, 7476SR, 7489, 7578, 7578SR

## 2402 Herpes Simplex Virus Culture

Effective November 24  
Specimen/Stability M4 Transport Media/Swab 3.0 (1.0) mL: Ambient 24 hours, Refrigerated  
72 hours, Frozen 2 months  
Alt Specimen CSF 1.0 (0.5) mL: Ambient 24 hours, Refrigerated 72 hours, Frozen  
3 months  
Sterile Container/Tube: Ambient 24 hours, Refrigerated 72 hours,  
Frozen 7 days  
Viral Transport Media 3.0 (1.0) mL: Ambient 24 hours, Refrigerated 72  
hours, Frozen 2 months

**Note: Culturette/Swab is no longer accepted.**

Also affected DOS Code 2427

## 2503 Viral Culture, Respiratory

Effective November 24  
Specimen/Stability Viral Transport Media 8.0 (4.0) mL: Ambient 24 hours, Refrigerated  
72 hours, Frozen 7 days  
Alt Specimen M4 Transport Media/Swab: Ambient 24 hours, Refrigerated 72 hours,  
Frozen 7 days  
Sterile Container/Tube: Ambient 24 hours, Refrigerated 72 hours,  
Frozen 7 days  
Swab Viral Transport: Ambient 24 hours, Refrigerated 72 hours,  
Frozen 7 days

**Note: Culturette/Swab is no longer accepted.**

# Test Changes: (cont'd)

3453

## Lactate Dehydrogenase (LD) Isoenzymes

Effective	November 24
Reference Range	LD 1 16 – 32 % of total (same)
	LD 2 29 – 42 % of total <b>(NEW)</b>
	LD 3 17 – 27 % of total (same)
	LD 4 6 – 13 % of total (same)
	LD 5 3 – 17 % of total <b>(NEW)</b>
	LD Total < 2 years Not established
	2 – 18 years 60 – 143 U/L (same)
	> 18 years 80 – 170 U/L (same)

4080U

## Heavy Metals 24Hr Urine

Effective	November 24
Specimen/Stability	Urine 24 hour 5.0 (2.0) mL: Ambient 7 days, Refrigerated 14 days, Frozen 2 months
Alt Specimen	Urine Additive 5.0 (2.0) mL: Ambient 7 days, Refrigerated 14 days, Frozen 2 months
	<b>Note: Increased ambient, decreased refrigerated stability.</b>

4861U

## Lead 24Hr Urine

Effective	November 24
Specimen/Stability	Urine 24 hour 2.0 (1.0) mL: Ambient 7 days, Refrigerated 14 days, Frozen 2 months
	<b>Note: Decreased ambient and refrigerated stability.</b>

4873U

## Mercury 24Hr Urine

Effective	November 24
Specimen/Stability	Urine Additive 5.0 (2.0) mL: Ambient 7 days, Refrigerated 14 days, Frozen 2 months
Alt Specimen	Urine 24 hour 5.0 (2.0) mL: Ambient 7 days, Refrigerated 14 days, Frozen 2 months
	<b>Note: Decreased refrigerated stability.</b>

7575

## Cytomegalovirus DNA DetectR™

Effective	November 24
Specimen/Stability	Whole Blood ACD 10.0 (2.0) mL: Ambient 4 days, Refrigerated 4 days
Alt Specimen	Amniotic Fluid 2.0 (1.0) mL: Ambient 4 days, Refrigerated 7 days, Frozen 2 months
	Whole Blood EDTA 10.0 (2.0) mL: Ambient 4 days, Refrigerated 4 days
	CSF 2.0 (1.0) mL: Ambient 24 hours, Refrigerated 24 hours, Frozen 2 months
	Plasma EDTA 2.0 (1.0) mL: Ambient 4 days, Refrigerated 7 days, Frozen 1 month
	Plasma ACD 2.0 (1.0) mL: Ambient 4 days, Refrigerated 7 days, Frozen 1 month
	<b>Note: Plasma specimens are now accepted.</b>
Collection Instructions	Ship whole blood and plasma ambient or refrigerated. CSF and amniotic fluid should be submitted frozen. Ship within 24 hours of collection.

# Test Changes: (cont'd)

<b>9430</b>	<b>Cytomegalovirus DNA UltraQuant®</b>
Effective	November 24
Specimen/Stability	Whole Blood EDTA 10.0 (2.0) mL: Ambient 4 days, Refrigerated 4 days
Alt Specimen	Amniotic Fluid 2.0 (1.0) mL: Ambient 4 days, Refrigerated 7 days, Frozen 2 months Whole Blood ACD 10.0 (2.0) mL: Ambient 4 days, Refrigerated 4 days Plasma EDTA 2.0 (1.0) mL: Ambient 4 days, Refrigerated 7 days, Frozen 1 month Plasma ACD 2.0 (1.0) mL: Ambient 4 days, Refrigerated 7 days, Frozen 1 month
	<b>Note: Plasma specimens are now accepted.</b>
Collection Instructions	Ship whole blood and plasma ambient or refrigerated. Amniotic fluid should be submitted frozen. Ship within 24 hours of collection.
Also Affected	DOS Code 9430SR
<b>1754</b>	<b>Phosphatidylcholine IgA Autoabs</b>
Effective	January 18
Name	Phosphatidylcholine Antibody (IgA)
Reference Range	< 10 U/mL <b>(NEW)</b>
FDA Status	Research Use Only
Always Statement	This test(s) was performed using a kit that has not been cleared or approved by the FDA. The analytical performance characteristics of this test have been determined by Specialty Laboratories. This test should not be used for diagnosis without confirmation by other medically established means.
Also affected	DOS Codes 1082, 1751, 1776
<b>1779</b>	<b>Phosphatidylinositol IgA Autoabs</b>
Effective	January 18
Name	Phosphatidylinositol Antibody (IgA)
Reference Range	< 10 U/mL <b>(NEW)</b>
FDA Status	Research Use Only
Always Statement	This test(s) was performed using a kit that has not been cleared or approved by the FDA. The analytical performance characteristics of this test have been determined by Specialty Laboratories. This test should not be used for diagnosis without confirmation by other medically established means.
Also affected	DOS Codes 1774, 1776
<b>1794</b>	<b>Phosphatidylethanolamine IgA Autoabs</b>
Effective	January 18
Name	Phosphatidylethanolamine Antibody (IgA)
Reference Range	< 10 U/mL <b>(NEW)</b>
FDA Status	Research Use Only
Always Statement	This test(s) was performed using a kit that has not been cleared or approved by the FDA. The analytical performance characteristics of this test have been determined by Specialty Laboratories. This test should not be used for diagnosis without confirmation by other medically established means.
Also affected	DOS Codes 1082, 1791, 1776

# Test Changes: (cont'd)

<b>4862</b>	<b>Aluminum</b>	
Effective	January 18	
Specimen/Stability	Serum Trace Metal 2.0 (0.7) mL: Ambient 4 days, Refrigerated 14 days, Frozen 30 days	
Alt Specimen	Plasma EDTA Trace Metal 2.0 (0.7) mL: Ambient 4 days, Refrigerated 14 days, Frozen 30 days or Plasma Heparin Trace Metal 2.0 (0.7) mL: Ambient 4 days, Refrigerated 14 days, Frozen 30 days	
	<b>Note: Plasma EDTA and Heparin now accepted. Decreased ambient, refrigerated and frozen stability.</b>	
Collection Instructions	Draw one Vacutainer of blood and discard. Draw second Vacutainer. Allow serum to clot in an upright position. Centrifuge and pour (do not pipette) the serum or plasma into a metal-free tube.	
Reference Range	Serum/plasma < 7 mcg/L <b>(NEW)</b> Dialysis < 40 mcg/L <b>(NEW)</b>	
Methodology	Atomic Spectroscopy <b>(NEW)</b>	
Clinical Utility	Individuals undergoing hemodialysis are at risk for aluminum toxicity. Prolonged accumulation may cause anemia, encephalopathy and vitamin D-resistant osteomalacia. Also, workers exposed to high levels or to long-term low levels of aluminum dust are at increased risk of toxicity.	
<b>4862U</b>	<b>Aluminum 24Hr Urine</b>	
Effective	January 18	
Specimen/Stability	Urine 24 hour 7.0 (3.0) mL: Ambient 5 days, Refrigerated 14 days, Frozen 30 days	
	<b>Note: Decreased ambient, refrigerated and frozen stability.</b>	
Collection Instructions	Samples with fecal contamination will be rejected.	
Reference Range	< 36 mcg/24hr (same)	
Methodology	Atomic Spectroscopy <b>(NEW)</b>	
Component	Total Urine Volume <b>(REMOVE)</b>	
Clinical Utility	Individuals undergoing hemodialysis are at risk for aluminum toxicity. Prolonged accumulation may cause anemia, encephalopathy and vitamin D-resistant osteomalacia. Also, workers exposed to high levels or to long-term low levels of aluminum dust are at increased risk of toxicity.	
<b>4862UR</b>	<b>Aluminum Urine Random</b>	
Effective	January 18	
Name	Aluminum, Random Urine w/Creatinine	
Reference Range	Aluminum/Creatinine Ratio <35.0 mcg/g creat (same)	
Methodology	Atomic Spectroscopy <b>(NEW)</b>	
Component	Aluminum Urine <b>(REMOVE)</b>	

# Test Changes: (cont'd)

<b>4870</b>	<b>Copper</b>	January 18
Effective		Plasma EDTA Trace Metal 2.0 (0.7) mL: Ambient 5 days, Refrigerated 10 days, Frozen 30 days
Specimen/Stability		Plasma Heparin Trace Metal 2.0 (0.7) mL: Ambient 5 days, Refrigerated 10 days, Frozen 30 days
Alt. Specimen		Serum Trace Metal 2.0 (0.7) mL: Ambient 5 days, Refrigerated 10 days, Frozen 30 days
		<b>Note: Plasma EDTA and Heparin now acceptable. Decreased ambient, refrigerated and frozen stability.</b>
Collection Instructions		Draw Vacutainer of blood. Allow serum to clot in an upright position. Centrifuge and pour (do not pipette) the serum or plasma into a metal-free tube. Hemolyzed samples are not acceptable. Transport samples at room temperature.
Reference Range		0 – 5 months 38 - 104 mcg/dL <b>(NEW)</b> 6 – 11 months 24 – 152 mcg/dL <b>(NEW)</b> 1 year 76 – 193 mcg/dL <b>(NEW)</b> 2 – 3 years 87 – 187 mcg/dL <b>(NEW)</b> 4 – 5 years 56 – 191 mcg/dL <b>(NEW)</b> 6 – 9 years 117 – 181 mcg/dL <b>(NEW)</b> 10 – 13 years 87 – 182 mcg/dL <b>(NEW)</b> 14 – 17 years 75 – 187 mcg/dL <b>(NEW)</b> > 17 years 70 – 175 mcg/dL <b>(NEW)</b>
Methodology		Atomic Spectroscopy <b>(NEW)</b>
Clinical Utility		Copper is an essential element that is a cofactor of many enzymes. Copper metabolism is disturbed in Wilson's disease, Menkes diseases, primary biliary cirrhosis, and Indian childhood cirrhosis. Copper concentrations increase in acute phase reactions. Copper concentrations are decreased with nephrosis, malabsorption, and malnutrition. Copper concentrations are also useful to monitor patients, especially preterm newborns, on nutritional supplementation. Results of copper are other interpreted together with ceruloplasmin.

<b>4870U</b>	<b>Copper 24Hr Urine</b>	January 18
Effective		Copper, 24-Hour Urine
Name		Urine 24 hour 7.0 (2.0) mL: Ambient 5 days, Refrigerated 14 days, Frozen 30 days
Specimen/Stability		<b>Note: Increased refrigerated and frozen stability.</b>
Collection Instructions		Collect urine without preservative. Transport in a plastic, acid-washed, metal-free container. Hemolyzed samples and urine with fecal contamination will be rejected.
Reference Range		15 - 60 mcg/24 hr <b>(NEW)</b>
Methodology		Atomic Spectroscopy <b>(NEW)</b>
Component		Total Urine Volume <b>(REMOVE)</b>
Clinical Utility		Urinary copper concentrations are useful to monitor patients on chelation therapy. Copper is an essential element that is a cofactor of many enzymes. Copper metabolism is disturbed in Wilson's disease, Menkes diseases, primary biliary cirrhosis, and Indian childhood cirrhosis. Copper concentrations increase in acute phase reactions. Copper concentrations are decreased with nephrosis, malabsorption, and malnutrition. Copper concentrations are also useful to monitor patients, especially preterm newborns, on nutritional supplementation. Results of copper are often interpreted together with ceruloplasmin.



# Test Changes: (cont'd)

## 4870UR Copper Urine Random

Effective	January 18
Name	Copper, Random Urine
Specimen/Stability	Urine 7.0 (2.0) mL: Ambient 5 days, Refrigerated 14 days, Frozen 30 days
Collection Instructions	<b>Note: Increased ambient, refrigerated and frozen stability.</b> Collect urine without preservative. Transport in a plastic, acid-washed, metal-free container. Hemolyzed samples and urine with fecal contamination will be rejected.
Reference Range	< 50 mcg/g creat <b>(NEW)</b>
Methodology	Atomic Spectroscopy <b>(NEW)</b>
Clinical Utility	Urinary copper concentrations are useful to monitor patients on chelation therapy. Copper is an essential element that is a cofactor of many enzymes. Copper metabolism is disturbed in Wilson's disease, Menkes diseases, primary biliary cirrhosis, and Indian childhood cirrhosis. Copper concentrations increase in acute phase reactions. Copper concentrations are decreased with nephrosis, malabsorption, and malnutrition. Copper concentrations are also useful to monitor patients, especially preterm newborns, on nutritional supplementation. Results of copper are often interpreted together with ceruloplasmin.

## 4877 Zinc

Effective	January 18
Specimen/Stability	Plasma EDTA Trace Metal 2.0 (0.7) mL: Ambient 5 days, Refrigerated 10 days, Frozen 30 days
Alt. Specimen	Plasma Heparin Trace Metal 2.0 (0.7) mL: Ambient 5 days, Refrigerated 10 days, Frozen 30 days Serum Trace Metal 2.0 (0.7) mL: Ambient 5 days, Refrigerated 10 days, Frozen 30 days
Collection Instructions	<b>Note: Plasma EDTA and Heparin now acceptable. Decreased ambient, refrigerated and frozen stability.</b> Separate plasma or serum from cells within two hours. Transfer separated plasma or serum to a plastic transfer vial from a <i>Specialty</i> "Trace element and metal free" collection kit. Alternatively, transfer separated plasma or serum to a second non-additive Royal blue-top tube for transport. Hemolyzed samples, plasma or serum not separated from cells within two hours or samples submitted in non-trace metal certified containers are not acceptable.
Reference Range	0 – 5 months            26 - 141 mcg/dL <b>(NEW)</b> 6 – 11 months        29 - 131 mcg/dL <b>(NEW)</b> 1 year                    31 - 120 mcg/dL <b>(NEW)</b> 2 – 3 years              29 - 115 mcg/dL <b>(NEW)</b> 4 – 5 years              48 - 119 mcg/dL <b>(NEW)</b> 6 – 9 years              48 - 129 mcg/dL <b>(NEW)</b> 10 – 13 years          25 - 148 mcg/dL <b>(NEW)</b> 14 – 17 years          46 - 130 mcg/dL <b>(NEW)</b> > 17 years                60 - 130 mcg/dL <b>(NEW)</b>
Methodology	Atomic Spectroscopy <b>(NEW)</b>
Clinical Utility	Zinc is an essential element involved in a myriad of enzyme systems including wound healing, immune function, and fetal development. Zinc measurements are used to detect and monitor industrial, dietary, and accidental exposure to zinc. Also, zinc measurements may be used to evaluate health and monitor response to treatment.

# Test Changes: (cont'd)

## 4877U Zinc 24Hr Urine

Effective	January 18
Name	Zinc, 24-Hour Urine
Specimen/Stability	Urine 24 hour 7.0 (3.0) mL: Ambient 5 days, Refrigerated 14 days, Frozen 30 days
	<b>Note: Increased refrigerated and frozen stability.</b>
Collection Instructions	Collect 24 hour urine in acid washed container without preservative (preferred). Collect and transport in a plastic acid-washed, metal-free container.
Reference Range	100 – 1200 mcg/24 hr <b>(NEW)</b>
Methodology	Atomic Spectroscopy <b>(NEW)</b>
Component	Total Urine Volume <b>(REMOVE)</b>
Clinical Utility	Zinc is an essential element involved in a myriad of enzyme systems including wound healing, immune function, and fetal development. Zinc measurements are used to detect and monitor industrial, dietary, and accidental exposure to zinc. Also, zinc measurements may be used to evaluate health and monitor response to treatment.

## 4877UR Zinc Urine Random

Effective	January 18
Name	Zinc, Random Urine w/Creatinine
Specimen/Stability	Urine 7.0 (2.0) mL: Ambient 5 days, Refrigerated 14 days, Frozen 30 days
	<b>Note: Increased ambient, refrigerated and frozen stability.</b>
Collection Instructions	Collect urine in an acid washed plastic container. Hemolyzed samples are not acceptable.
Reference Range	Zinc/Creatinine Ratio: 100 – 810 mcg/g creat <b>(NEW)</b>
Methodology	Atomic Spectroscopy <b>(NEW)</b>
Component	Zinc Urine <b>(REMOVE)</b>
Clinical Utility	Zinc is an essential element involved in a myriad of enzyme systems including wound healing, immune function, and fetal development. Zinc measurements are used to detect and monitor industrial, dietary, and accidental exposure to zinc. Also, zinc measurements may be used to evaluate health and monitor response to treatment.

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The CPT Codes provided are based on AMA Guidelines and are for informational purposes only. CPT Coding is the sole responsibility of the billing party. Please direct any questions regarding CPT Coding to the payer being billed.

# New Referral Tests:

The following tests are now available from Quest Diagnostics and may be referred through Specialty Laboratories.

- S52083      CEA, CSF [17420X]**  
Performed at Quest Diagnostics, San Juan Capistrano
  
- S52081      CEA, Peritoneal Fluid [17421X]**  
Performed at Quest Diagnostics, San Juan Capistrano
  
- S52082      CEA, Pericardial Fluid [17605X]**  
Performed at Quest Diagnostics, San Juan Capistrano
  
- S52060      Cocaine Confirmation by GC/MS, Meconium [134064]**  
Performed at Quest Diagnostics, Chantilly
  
- S52058      Rheumatoid Factor, LA (Fluid) [70352]**  
Performed at Focus Diagnostics
  
- S52085      *Yersinia enterocolitica* Antibodies (IgG, IgA) [41065]**  
Performed at Focus Diagnostics
  
- S52017      *Trichomonas vaginalis* RNA, Qualitative TMA [19550X]**  
Performed at Quest Diagnostics, San Juan Capistrano
  
- S51277      Lyme Disease (*Borrelia burgdorferi*) DNA, QL, R-T PCR, UR [42500]**  
Performed at Focus Diagnostics
  
- S52019      *Histoplasma* Antibody Immunodiffusion, Serum [40575]**  
Performed at Focus Diagnostics
  
- S52018      *Blastomyces* Antibody Immunodiffusion, Serum [40185]**  
Performed at Focus Diagnostics
  
- S52057      PTH, Intact, Fine Needle Aspirate [16560X]**  
Performed at Quest Diagnostics, San Juan Capistrano
  
- S52088      Phosphatidyl Glycerol [1420014]**  
Performed at Quest Diagnostics, Chantilly
  
- S52059      AFB, Environmental Culture [51165]**  
Performed at Focus Diagnostics

Please call client relations at 800-421-4449 or visit our website at [www.specialtylabs.com](http://www.specialtylabs.com) for ordering information.

# Discontinued Tests:

## Effective Immediately:

### **S52077NY Anti-Mullerian Hormone [NY]**

Recommended replacement: 3138 – Anti-Mullerian Hormone AssessR™

## Effective January 18:

### **4877PL Zinc Plasma**

Recommended replacement: 4877 – Zinc

### **4870PL Copper Plasma**

Recommended replacement: 4870 – Copper

## Effective December 15:

### **3521 Vitamin D, 25-Hydroxy (Calcifediol)**

Recommended replacement: 3541 – Vitamin D, 25-Hydroxy Total [LC-MS-MS]