

5/8/2013 - TSO Update, Quest Diagnostics Nichols Institute, Valencia

SEND OUTS				
Please Note: Not all test codes assigned to each assay are listed in the table of contents. Please refer to the complete listing on the page numbers indicated.				
Test Code	Former Test Code	Test Name	Effective Date	Page #
<u>S52235</u>		Rabies Vaccine Response	5/8/2013	1
<u>S50932</u>		Antimony, Serum/Plasma	6/17/2013	1
<u>S49732</u>		Antimony, Urine	6/17/2013	1
<u>S48030</u>		Barium, Serum/Plasma	6/17/2013	2
<u>S50489</u>		Barium, Urine	6/17/2013	2
<u>S49337</u>		Bismuth, Serum/Plasma	6/17/2013	3
<u>S46460</u>		Strontium, Serum/Plasma	6/17/2013	3
<u>S50521</u>		Strontium, Urine	6/17/2013	3
<u>S42540</u>		Thallium, Serum/Plasma	6/17/2013	3
<u>S44635</u>		Tin - Total, Serum/Plasma	6/17/2013	4
<u>S50438</u>		Tin - Total, Urine	6/17/2013	4

### Test Send Outs (Referrals)

Due to these assays being performed by outside vendors, we are unable to use our normal method of communication. Some of the changes listed in this document may be effective in less than 30 days. Please note the individual effective dates below, as these changes may require **IMMEDIATE ACTION**.

The following test changes will be effective on the dates indicated below. **Please note that only the information that is changing appears in this update.** Former test names and test codes have been italicized.

Rabies Vaccine Response	
Message	<b>**This test is <i>not</i> available for Florida patient testing.</b>
Effective Date	<b>5/8/2013</b>
Test Code	S52235

Antimony, Serum/Plasma	
Effective Date	<b>6/17/2013</b>
Test Code	S50932
Reject Criteria	<b>Polymer gel separation tube</b> ; serum separator tube; <b>potassium oxalate/sodium fluoride (gray-top) tube</b>
Instructions	<b>Collect sample in glass container.</b> Promptly centrifuge and separate serum or plasma into an acid washed plastic screw cap vial using approved guidelines. <b>Acid washed Polypropylene vial is preferred</b>
Specimen Stability	<b>Room temperature, Refrigerated and Frozen: 30 days</b>
Set-up/Analytic Time	<b>Set up: Tues, Fri;</b> Report available 1 day
Reference Range	<b>Normally: Less than 1 mcg/L</b> <b>NMS Labs has demonstrated that certain collection tubes can artifactually increase measured antimony</b>

concentrations rendering reported concentrations difficult to interpret.
--

<b>Antimony, Urine</b>	
Effective Date	6/17/2013
Test Code	S49732
Reject Criteria	Received room temperature > 5 days
Instructions	<p><b>Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.</b></p> <p><b>Remove the below information:</b>  Unpreserved urine should be refrigerated immediately and analyzed within 1 week of collection. Acceptable preservatives include: trace metal-free Hydrochloric acid or nitric acid (0.1 ml of 12m acid/10ml urine).</p>
Specimen Stability	<b>Room temperature: 5 days</b> <b>Refrigerated and Frozen: 30 days</b>
Set-up/Analytic Time	<b>Set up: Mon, Thurs;</b> Report available: 1 days
Reference Range	Creatinine U.S. Population (10th-90th percentiles, median) All participants: 335-2370 mg/L, median 1180 (n=22,245) Males: 495 -2540 mg/L, median 1370 (n=10,610) Females: 273 -2170 mg/L, median 994 (n=11,635)  <b>Antimony</b> <b>Normally: Less than 1 mcg/L</b>

<b>Barium, Serum/Plasma</b>	
Effective Date	6/17/2013
Test Code	S48030
Reject Criteria	<b>Polymer gel separation tube;</b> serum separator tube; <b>glass container</b>
Instructions	All venipunctures should be performed using a trace metal free Royal Blue top tube. <b>Collect sample in plastic container (see Specimen Container).</b> Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.
Transport Temperature	<b>Refrigerated</b>
Specimen Stability	<b>Room temperature, Refrigerated and Frozen: 30 days</b>
Set-up/Analytic Time	<b>Set up: Tues, Fri; Report available: 1 day</b>
Reference Range	<b>Reported Normal: Less than 10 mcg/L</b>  <b>NMS Labs has demonstrated that certain collection tubes can artifactually increase measured barium concentrations rendering reported concentrations difficult to interpret.</b>

<b>Barium, Urine</b>	
Effective Date	6/17/2013
Test Code	S50489
Reject Criteria	<b>Glass container</b>
Set-up/Analytic Time	<b>Set up: Mon, Thurs;</b> Report available: 1 day

Reference Range	<b>Normally: Less than 10 mcg/L</b>	
CPU Mappings	<b>Result Code</b>	<b>Result Name</b>
	106173	<b>Barium, Urine</b>

<b>Bismuth, Serum/Plasma</b>	
<b>Effective Date</b>	<b>6/17/2013</b>
Test Code	S49337
Specimen Requirements	1 mL ( <b>0.4 mL minimum</b> ) serum collected in trace metal-free (royal blue-top) tube
Set-up/Analytic Time	<b>Set up: Tues, Fri;</b> Report available: 2 days
Reference Range	<b>Normal: less than 0.5 mcg/L</b>

<b>Strontium, Serum/Plasma</b>	
<b>Effective Date</b>	<b>6/17/2013</b>
Test Code	S46460
Reject Criteria	<b>Serum separator tube; polymer gel separation tube, EDTA (lavender-top) tube</b>
Instructions	<b>Promptly centrifuge and separate Serum or Plasma into an acid washed plastic screw capped vial using approved guidelines.</b>  Specimen container: Plasma: Royal Blue top tube (Trace metal-free; EDTA), Serum: Royal Blue top tube (Trace metal-free; No additive)
Specimen Stability	<b>Room temperature, Refrigerated, and Frozen: 30 days</b>
Set-up/Analytic Time	<b>Set up: Tues, Fri;</b> Report available: 3 days
Reference Range	<b>Generally: Less than 50 mcg/L</b>  <b>NMS Labs has demonstrated that certain collection tubes can artificially increase measured strontium concentrations rendering reported concentrations difficult to interpret.</b>

<b>Strontium, Urine</b>	
<b>Effective Date</b>	<b>6/17/2013</b>
Test Code	S50521
Specimen Requirements	1 mL ( <b>0.4 mL minimum</b> ) urine collected in a plastic urine container (acid washed or trace metal-free)
Transport Temperature	<b>Room temperature</b>
Specimen Stability	<b>Room temperature, Refrigerated, and Frozen: 30 days</b>
Set-up/Analytic Time	<b>Set up: Mon, Thurs;</b> Report available: 1 day
Reference Range	<b>Normally: less than 500 mcg/L</b>

<b>Thallium, Serum/Plasma</b>	
<b>Effective Date</b>	<b>6/17/2013</b>

5/8/2013 - TSO Update, Quest Diagnostics Nichols Institute, Valencia

Test Code	S42540
Specimen Requirements	<b>Acceptable: Remove EDTA plasma (lavender-top)</b>
Reject Criteria	<b>Polymer gel separation tube, serum separator tube</b>
Transport Temperature	<b>Room temperature</b>
Specimen Stability	<b>Room temperature, Refrigerated, and Frozen: 30 days</b>

<b>Tin - Total, Serum/Plasma</b>	
Effective Date	6/17/2013
Test Code	S44635
Specimen Requirements	1 mL (0.4 mL minimum) serum collected in a trace metal free no additive (royal blue-top) tube
Reject Criteria	<b>Polymer gel separation tube; serum separator tube</b>
Transport Temperature	<b>Room temperature</b>
Specimen Stability	<b>Room temperature, Refrigerated and Frozen: 28 days</b>

<b>Tin - Total, Urine</b>	
Effective Date	6/17/2013
Test Code	S50438
Transport Temperature	<b>Room temperature</b>
Specimen Stability	<b>Room temperature, Refrigerated and Frozen: 30 days</b>
Set-up/Analytic Time	<b>Set up: Mon, Thurs; Report available: 1 day</b>
Methodology	<b>Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)</b>