

6/11/2013 - 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>S49212</u>		Titanium, Serum/Plasma	6/14/2013	1
<u>S49169</u>		Titanium, Urine	6/14/2013	1
<u>S49715</u>		Antimony, Blood	7/15/2013	2
<u>S52519</u>		Barium, Blood	7/15/2013	2
<u>S51006</u>		Tin - Total, Blood	7/15/2013	2

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.

Titanium, Serum/Plasma	
Effective Date	6/14/2013
Test Code	S49212
Specimen Requirements	2 mL (0.6 mL minimum) serum or plasma collected in a royal blue top tube (trace metal-free)
Specimen Stability	Room temperature, Refrigerated and Frozen: 30 days
Set-up/Analytic Time	Set up: Thurs; Report available: 1 day
Reference Range	On 06/14/2013 a change in the method for measuring titanium in serum has resulted in a shift with the reported findings. To compare a previous finding to a current result, multiply the old value by 1.44 and then subtract 66 for an approximate corresponding new value. The reporting limit for the new method is 10 mcg/L; therefore, any measured value less than 10 mcg/L will be reported as None Detected. The normal value for titanium is generally less than 5 mcg/L. In patients with a titanium-based implant/prosthesis, a serum concentration greater than 10 mcg/L may be indicative of wear. However, a reported titanium value alone is not predictive of prosthesis wear or failure.
Performing Site	NMS Labs

Titanium, Urine	
Effective Date	6/14/2013
Test Code	S49169
Specimen Requirements	2 mL (0.6 mL minimum) urine collected in a plastic container (acid washed or trace metal-free)
Reject Criteria	Received room temperature; received refrigerated
Instructions	Avoid exposure to gadolinium-based contrast media for 48 hours prior to sample collection.
Transport Temperature	Frozen
Specimen Stability	Room temperature and Refrigerated: Not stable Frozen: 30 days

Reference Range	On 06/14/2013 a change in the method for measuring titanium in urine has resulted in a shift with the reported findings. To compare a previous finding to a current result, multiply the old value by 1.1 and then subtract 14 for an approximate corresponding new value. The reporting limit for the new method is 10 mcg/L; therefore, any measured value less than 10 mcg/L will be reported as 'None Detected'. The normal value for titanium is generally less than 5 mcg/L. In patients with a titanium-based implant/prosthesis, a urine concentration greater than 10 mcg/L may be indicative of wear. However, a reported titanium value alone is not predictive of prosthesis wear or failure.
Units Of Measure	mcg/L
Methodology	Inductively coupled plasma mass spectrometry (ICP/MS)
Performing Site	NMS Labs

Antimony, Blood	
Effective Date	7/15/2013
Test Code	S49715
Specimen Requirements	1 mL (0.4 mL minimum) blood collected in an EDTA trace metal free (royal blue-top) tube
Reject Criteria	Plastic container. Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin). Royal Blue top tube (Trace metal-free; Sodium Heparin). Gray top tube (Sodium Fluoride / Potassium Oxalate). Green top tube (Sodium Heparin).
Instructions	All venipunctures should be performed using a trace metal free royal blue top tube. Clotted Blood specimens are not acceptable. Collect sample in glass container. Submit in container with a non-heparin based anticoagulant. Tubes containing heparin based anticoagulants are not acceptable.
Specimen Stability	Room temperature, Refrigerated and Frozen: 30 days
Set-up/Analytic Time	Set up: Mon, Wed, Fri; Report available: 2 days
Reference Range	Normally: Less than 5 mcg/L. NMS Labs has demonstrated that certain collection tubes can artifactually increase measured antimony concentrations rendering reported concentrations difficult to interpret.
Performing Site	NMS Labs

Barium, Blood	
Effective Date	7/15/2013
Test Code	S52519
Reject Criteria	Clotted blood; Tubes containing heparin-based anticoagulants; Glass container; Light Green top tube (Lithium Heparin); Tan top tube-glass (Sodium Heparin); Royal Blue top tube (Trace metal-free; Sodium Heparin); Gray top tube (Sodium Fluoride/Potassium Oxalate); Green top tube (Sodium Heparin)
Specimen Stability	Room temperature, Refrigerated, and Frozen: 30 days
Reference Range	Reported Normal: Less than 10 mcg/L. NMS Labs has demonstrated that certain collection tubes can artifactually increase measured barium concentrations rendering reported concentrations difficult to interpret.
Performing Site	NMS Labs

Tin - Total, Blood	
Effective Date	7/15/2013
Test Code	S51006

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Specimen Requirements	1 mL (0.4 mL minimum) whole blood collected in an EDTA trace metal free (royal blue-top) tube
Reject Criteria	Clotted blood; lithium heparin (light green-top) tube; sodium heparin glass (tan-top) tube; sodium heparin trace metal free (royal blue-top) tube; sodium heparin (green-top) tube; tubes containing heparin based anticoagulants.
Specimen Stability	Room temperature, Refrigerated, and Frozen: 30 days
Set-up/Analytic Time	Set up Mon, Wed, Fri; Report available: 2 days
Performing Site	NMS Labs

Vendor Name Change, Effective Immediately

SJC Lab ID: 70

Formerly *Univ. Childrens Genetics Lab, A Division of Progene, Inc* has been changed to:

Pro Genetic Laboratory, Inc.

Biochemical Genetics Section

431 S. Raymond Ave., Suite 101

Alhambra, CA 91803

SJC Lab ID: 230

Formerly *Prometheus Therapeutics and Diagnostics, GI Disease Management* has been changed to:

Prometheus®

Therapeutics and Diagnostics

9410 Carroll Park Drive

San Diego, CA 92121