

## Overview

### Method Name

Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)

### NY State Available

Yes

## Specimen

### Specimen Type

Varies

### Specimen Required

**\*\*\*Must submit one specimen per order. Specimens cannot be shared between multiple orders.\*\*\***

**Submit only 1 of the following specimens:**

#### Specimen Type: Serum

**Supplies:** NMS Acid Washed "Prcleaned" Vial, 10 mL (T619)

**Collection Container/Tube:** Plastic Royal Blue top tube (Trace metal-free; No additive)

**Submission Container/Tube:** Acid washed plastic vial

**Specimen Volume:** 2 mL serum

#### Collection Instructions:

1. Draw blood in a trace metal free royal blue-top, no additive tube(s). **Serum gel tube is not acceptable.**
2. Centrifuge and aliquot 2 mL serum into an acid washed plastic screw capped vial.
3. Label specimen as serum.
4. Ship refrigerate.

#### Specimen Type: Plasma

**Supplies:** NMS Acid Washed "Prcleaned" Vial, 10 mL (T619)

**Collection Container/Tube:** Royal blue top tube (Trace metal-free; EDTA)

**Submission Container/Tube:** Acid washed plastic vial

**Specimen volume:** 2 mL plasma

#### Collection Instructions:

1. Draw blood in a trace metal free royal blue-top EDTA tube(s). **Plasma gel tube is not acceptable.**
2. Centrifuge and aliquot 2 mL plasma into an acid washed plastic screw capped vial.
3. Label specimen as plasma.
4. Ship refrigerate.

### Specimen Minimum Volume

0.7 mL

## Reject Due To

Glass container,	Reject
Polymer gel separation tube (serum gel tube [SST] or plasma gel tube [PST])	Reject

## Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	30 days	Acid Washed Plastic (MML Supply T619)
	Ambient	30 days	Acid Washed Plastic (MML Supply T619)
	Frozen	30 days	Acid Washed Plastic (MML Supply T619)

## Clinical & Interpretive

### Reference Values

Reporting limit determined each analysis

Typically less than 100 mcg/L

### Interpretation

Specimens for elemental testing should be collected in certified metal-free containers. Elevated results for elemental testing may be caused by environmental contamination at the time of specimen collection and should be interpreted accordingly. It is recommended that unexpected elevated results be verified by testing another specimen in a trace metal free container.

## Performance

### PDF Report

No

### Day(s) Performed

Monday through Sunday

**Report Available**

6 to 13 days

**Specimen Retention Time**

2 weeks

**Performing Laboratory Location**

NMS Labs

**Fees & Codes****Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

**Test Classification**

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

**CPT Code Information**

83018

**LOINC® Information**

Test ID	Test Order Name	Order LOINC® Value
BOAC	Boron	5607-7

Result ID	Test Result Name	Result LOINC® Value
Z1308	Boron	5607-7
Z1470	Reporting Limit	19147-8