

Overview

Method Name

Inductively Coupled Plasma/Optical Emission Spectrometry (ICP/OES)

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

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

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 2 mL

**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 send 2 mL serum in an acid washed plastic screw capped vial (MCL supply number T619)
3. Ship refrigerate in a plastic vial.

**Note:** Label specimen appropriately (serum)

**Specimen Type:** Plasma

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

**Submission Container/Tube:** Plastic vial

**Specimen volume:** 2 mL

**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 send 2 mL plasma in an acid washed plastic screw capped vial (MCL supply number T619).
3. Ship refrigerate in a plastic vial.

**Note:** Label specimen appropriately (plasma)

Specimen Minimum Volume

0.7 mL

Reject Due To

Other	Glass container, Polymer gel separation tube (SST or PST)
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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

Normally: 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.

Performance

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

11 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