



Test Definition: BOAC

Boron, Serum/Plasma

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 |