
Overview**Method Name**

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

NY State Available

Yes

Specimen**Specimen Type**

Varies

Specimen Required**Submit only 1 of the following specimens:****Serum**

Draw blood in a trace metal free royal blue-top, no additive tube(s). (Serum gel tube is not acceptable.) Spin down and send 2 mL serum in an acid washed plastic screw capped vial (MCL supply number T619), ship refrigerate in a plastic vial.

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

Draw blood in a trace metal free royal blue-top EDTA tube(s). (Plasma gel tube is not acceptable.) Spin down and send 2 mL plasma in an acid washed plastic screw capped vial (MCL supply number T619), ship refrigerate in a plastic vial.

Note: Label specimen appropriately (plasma)**Reject Due To**

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	Glass container, Polymer gel separation tube (SST or PST)

Specimen Minimum Volume

0.4 mL

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

Specimen Retention Time

2 weeks

Performing Laboratory Location

NMS Labs

Fees & Codes**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	Reporting Name	LOINC®
Z1308	Boron	5607-7
Z1470	Reporting Limit	19147-8