

SELENIUM, PLASMA

Orderable - SEP

Turn Around Time: 10 days

Specimen:

6 mL K2-EDTA Royal Blue Vacutainer tube

Collection Information:

[Trace Elements Collection Requirements](#)

Reference Ranges:

SI Units (Reported on Patient Chart):	
Age	Reference Range
0-12 months:	0.72 -1.21 µmol/L
1-5 years:	1.22-1.82 µmol/L
6- 9 years:	1.28-2.04 µmol/L
≥10 years:	1.33-2.03 µmol/L

Conventional Units:	
Age	Reference Range
0-12 months:	56.9-95.6 µg/L
1- 5 years:	96.4-143.8 µg/L
6-9 years:	100.8-161.4 µg/L
≥10 years:	105.3-160.4 µg/L

Concentration of Selenium is much higher in erythrocytes than in plasma or serum. The results of these elements in plasma or serum may be falsely elevated if not separated within 30 minutes and/or hemolysis is present.

Reference Ranges are based on Non-Occupationally exposed population.

Interpretive Comments:

Find Interpretive Comment and Clinical Information [here](#):

Specimen Stability:



Laboratory:
Trace Elements Lab



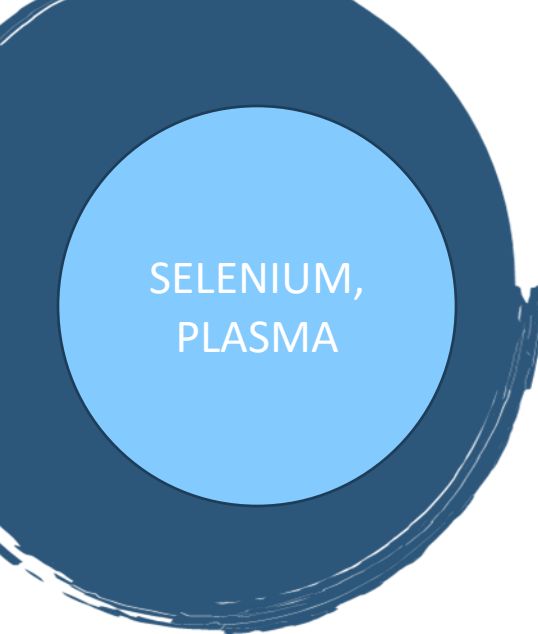
Requisition:
TRACE ELEMENTS
REQUISITION



Method of Analysis:
High Resolution Sector
Field Inductively Coupled
Mass Spectrometry
[HR-SF-ICP-MS](#)



Test Schedule:
Batched analysis



SELENIUM,
PLASMA

Ambient: 22 days
Refrigerated: 14 months
Frozen: 14 months