
 MANGANESE,  
 PLASMA

## Orderable - MNP

Turn Around Time: 10 days

### Specimen:

6 mL K2 EDTA Royal Blue Vacutainer tube

### Collection Information:

[Trace Elements Collection Requirements](#)

**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

### Reference Ranges:

SI Units (Reported on Patient Chart):	
Age	Reference Range
0-12 months:	7.3-50.2 nmol/L
1-5 years:	14.9-67.0 nmol/L
6-9 years:	5.3-40.8 nmol/L
10-13 years:	7.6-36.4 nmol/L
≥14 years:	8.0-20.7 nmol/L


Conventional Units:	
Age	Reference Range
0-12 months:	0.40-2.76 µg/L
1-5 years:	0.82-3.68 µg/L
6-9 years:	0.29-2.24 µg/L
10-13 years:	0.42-2.00 µg/L
≥14 years:	0.44-1.14 µg/L

Concentration of Manganese 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](#):



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**Specimen Stability:**

Ambient: 22 days

Refrigerated: 14 months

Frozen: 14 months