

# COPPER, PLASMA

## Orderable - CUP

Turnaround 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
0-3 months:	1.4-7.2 µmol/L
4-6 months:	3.9-17.3 µmol/L
7-12 months:	7.9-20.5 µmol/L
1-5 years:	12.6-23.6 µmol/L
6-9 years:	13.2-21.4 µmol/L
Male 10-13 years:	12.6-19.0 µmol/L
Female 10-13 years:	12.9-18.9 µmol/L
Male ≥14 years:	11.2-20.6 µmol/L
Female ≥14 years:	13.5-36.5 µmol/L

Conventional Units:	
Age	Reference Range
0-3 months:	89-457 µg/L
4-6 months:	248-1099 µg/L
7-12 months:	502-1302 µg/L
1-5 years:	801-1499 µg/L
6-9 years:	839-1360 µg/L
Male 10-13 years:	800-1207 µg/L
Female 10-13 years:	822-1201 µg/L
Male ≥ 14 years:	711-1310 µg/L
Female ≥14 years:	860-2317 µg/L

Reference Ranges are based on Non-Occupationally exposed population.



**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



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## Interpretive Comments:

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

## Specimen Stability:

Ambient: 22 days

Refrigerated: 14 months

Frozen: 14 months