

Patient Name : Demo Patient Name
Age / Sex : 13 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 19-Jan-25 11:14
Patient ID : UHID.DEMO.001

Copper

Serum Sample

Accession No: DEMO_BARCODE **Collected On:** 19-Jan-25 11:14 **Received On:** 19-Jan-25 15:06 **Approved On:** 19-Jan-25 18:05

Observation	Result	Unit	Biological Ref. Interval	Method
Copper, Serum	146.8	µg/dL	70-150	Colorimetric

Clinical Significance: Copper is widely distributed in the various organs of the body. The highest concentration is found in the liver followed by the brain and kidneys. It plays an important part in the iron metabolism by converting the ferrous ions to ferric state. Over 90% of the copper in plasma is bound to the protein ceruloplasmin. Increased levels are found in chronic/malignant diseases e.g. Leukemia, cirrhosis, various infections and in patients on oral contraceptives and estrogens. Decreased levels are found in Wilson's diseases, decreased synthesis of ceruloplasmin, malabsorption, malnutrition and nephrotic syndrome.

Advise: Please correlate results clinically.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

