

Patient Name	:		Bill Date	:
DOB/Age/Gender	:		Sample Collected	:
Patient ID / UHID	:		Sample Received	:
Referred By	:		Report Date	:
Sample Type	:		Report Status	:
Barcode No	:			

Test Description	Value(s)	Unit(s)	Reference Range
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BIOCHEMISTRY REPORT

Copper, Serum

Copper	160.491	µg/dL	80 - 155
Method : RX MONZA			

Interpretation:

Note:

There is a diurnal variation with highest levels in the morning

Comments

Copper is the third most abundant trace element in the human body required for enzymatic reactions. Dietary sources of copper are liver, shell fish, chocolate, nuts and seeds. Copper pipes or vessels do not increase the copper content of water unless exposed to acids. Smoking, strenuous exercise, infections and injuries increase the body's need for copper. Ceruloplasmin, a copper containing protein is a useful indicator of copper status.

Decreased Levels

Wilson's disease (stage of the disease), malnutrition, excessive consumption of zinc, GI disease (Sprue & Celiac disease), Menke's syndrome, burns, Chronic Ischemic heart disease

Increased Levels

Wilson's disease (stage of the disease), Infections, Biliary cirrhosis, Leukemia, Typhoid, Hodgkins disease, Thalassemia major, anemia, collagen diseases, spondyloarthropathies.



Booking Centre :- HLM Walk In- Bikaner, .

Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

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