

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

Ceruloplasmin

Ceruloplasmin	13.93	mg/dL	15 - 30
Method : Immunoturbidimetry			

Interpretation:

Ceruloplasmin is a protein with a molecular weight of 150 kDa. Each molecule can reversibly bind eight atoms of copper. Ceruloplasmin carries at least 95 % of all copper in plasma. The protein is synthesized by the liver and shows an acute phase response. Decreased levels are found in primary biliary cirrhosis, primary biliary atresia, and in some cases of severe hepatitis. The decreased levels are due to the limitations of total liver metabolism rather than due to a defect in specific ceruloplasmin synthesis. In some congenital disorders, such as Wilson's disease, ceruloplasmin is also found to be decreased.

As ceruloplasmin is increasingly expressed during the acute - phase response, it is generally detected in elevated levels during all inflammatory diseases. In addition, raised levels are seen in reticuloendothelial neoplasia, biliary obstruction, estrogen therapy, and pregnancy.



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