

CERULOPLASMIN, SERUM (Nephelometry)	-	mg/dL	20.00-60.00
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Comments

Ceruloplasmin is the major copper containing protein in serum and is also the enzyme present in highest circulating concentration. Main function of ceruloplasmin is to regulate ionic state of iron and transportation of copper to tissues. It's quantification is used as a screening test for diagnosing Wilson's disease. Serum ceruloplasmin levels are reduced in Wilson's disease associated with increased urinary copper excretion and increased hepatic copper content. 15% of patients with Wilson's disease may show normal ceruloplasmin levels. Factors which increase ceruloplasmin synthesis are cytokines, pregnancy & estrogens.

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