



Excellence in Pathology Services

Test Update

From Your Laboratory Service Provider, PathGroup Labs
Testing Provided on Site for Ceruloplasmin
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This additional testing will be available May 23, 2011

Overview and Clinical Utility:

Effective May 23, 2011 PathGroup Labs will begin performing Ceruloplasmin. Ceruloplasmin is the primary copper-containing protein in plasma. Ceruloplasmin's main clinical importance is in the diagnosis of Wilson's disease. Increased Ceruloplasmin levels are particularly notable in diseases of the reticuloendothelial system such as Hodgkin's disease as well as during pregnancy or the use of contraceptive pills. Low plasma levels of Ceruloplasmin are found in malnutrition, malabsorption, nephrosis and severe liver disease, particularly biliary cirrhosis.

Test Methodology: The Beckman Coulter assay uses an immunoturbidimetric method for the quantitative determination of Ceruloplasmin in human serum.

Ordering:

Test code:	Test:	CPT:	LOINC:
CERUL	Ceruloplasmin	82390	T00366

Reference interval Ceruloplasmin:

New Methodology:	Previous Methodology:
Immunoturbidimetric	Immunoturbidimetric
6 months – 6 years: 18-37 mg/dL	6 months – 6 years: 18-37 mg/dL
7 – 17 years : 20-43 mg/dL	7 – 17 years : 20-43 mg/dL
18 years and older : 18-58 mg/dL	18 years and older : 17-54 mg/dL
Units: mg/dL	Units: mg/dL

Specimen Collection and Storage:

- 1) Collect specimen in a serum separator tube.
 - a) Allow serum tube to clot for 30 minutes.
 - b) Spin serum separator tube 10-15 minutes @ 3500 rpm.
- 2) Serum specimens are stable refrigerated for 3 days or frozen for 30 days.

Test Performed:

Sunday – Saturday

Turnaround time:

24 hours

For further questions, please contact Client Services at 615-562-9300 or 1-888-474-5227.