

Ceruloplasmin

CPT Code: 82390

Order Code: C1369

ABN Requirement: No

Synonyms: Wilson's Disease; Copper Oxide

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.5 mL

Container: Gel-barrier tube (SST, Tiger Top)

Collection:

Serum:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Let tube stand in a vertical position to allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Transport: Store serum at 2-8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

Stability:

Ambient (15-25°C): 7 days

Refrigerated (2-8°C): 60 days

Frozen (-20°C): 90 days

Deep Frozen (-70°C): 90 days

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits

Methodology: Immunoturbidimetric

Turn Around Time: 4 days

Reference Range:

Age	Male, mg/dL	Female, mg/dL
0-30 days	8-25	3-28
31 days-11 months	15-48	15-43
1-3 years	25-56	29-54
4-6 years	29-56	26-54
7-9 years	25-52	23-48
10-12 years	21-51	21-48
13-15 years	20-50	21-46
16-18 years	20-45	22-50
>18 years	18-36	18-53

Intended Use: Evaluation of Wilson’s disease (hepatolenticular degeneration), liver cirrhosis, and copper deficiency.

Limitations: Oral contraceptives may cause increased values. Because ceruloplasmin is an acute phase reactant, use caution in interpreting results where inflammation or infection are present.

Clinical Significance: Ordered with a blood or urine copper test, ceruloplasmin helps in the diagnosis of Wilson’s disease.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.