ARUP Laboratories
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*****Example Report*****

Patient Age/Gender: 20 years Female
Printed: 21-Mar-19 10:56:35

Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/ Verified
Ceruloplasmin	18	mg/dL	[17-54]	19-080-900021	21-Mar-19 08:23:00	21-Mar-19 08:23:00	21-Mar-19 10:55:50
Copper, Serum/Plasma	81.0	ug/dL	[80.0-155.0]	19-080-900021	21-Mar-19 08:23:00	21-Mar-19 08:23:00	21-Mar-19 10:55:50
Copper, Serum Free (Direct)	5.0	ug/dL	[0.0-10.0]	19-080-900021	21-Mar-19 08:23:00	21-Mar-19 08:23:00	21-Mar-19 10:55:50

Pending Procedures

Procedure	Collection Date	Collection Time	Status
Serum Index	21-Mar-19	08:23:00	In-Lab

21-Mar-19 08:23:00 Ceruloplasmin:
REFERENCE INTERVAL: Ceruloplasmin

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

21-Mar-19 08:23:00 Copper, Serum/Plasma:
INTERPRETIVE INFORMATION: Copper, Serum or Plasma

Elevated results may be due to skin or collection-related contamination, including the use of a noncertified metal-free collection/transport tube. If contamination concerns exist due to elevated levels of serum/plasma copper, confirmation with a second specimen collected in a certified metal-free tube is recommended.

Serum copper may be elevated with infection, inflammation, stress, and copper supplementation. In females, elevated copper may also be caused by oral contraceptives and pregnancy (concentrations may be elevated up to 3 times normal during the third trimester).

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

21-Mar-19 08:23:00 Copper, Serum Free (Direct):
INTERPRETIVE INFORMATION: Copper, Serum Free (Direct)

Free copper (direct) is determined with serum ultra-filtrate. Results may be elevated in Wilson disease or other conditions of copper overload. Other tests used to diagnosis Wilson disease include serum ceruloplasmin, 24-hour urine copper, and hepatic copper. Slit lamp examination for Kayser-Fleischer rings and genetic testing may also be helpful.

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