

Copper levels and Disease Associations

Test	Wilson Disease	Copper Toxicity, Acute or Chronic	Menkes Disease (Kinky Hair Syndrome)
Copper, blood	Low but may be normal	High	Low
Copper, serum free	High	High	Low
Ceruloplasmin	Low but may be normal	High	Low
Copper, urine	Very high	High	Low
Copper, Lowliver/ hepatic*	Positive but depending on the site sampled, may be negative	High or normal	Low