Dr Test Doctor (Test Doctor) Test Clinic. 123 Test Street, Test Suburb Victoria 3125

Lab ID
Patient ID P000060
Ext ID 26116-0004

Test Patient

Sex: Female • 56yrs • 01-Jan-70
123 Home Street, Test Suburb VIC 3125

RECEIVED
26-Apr-26

COPPER, CAERULOPLASMIN, ZINC

	Collected
Specimen type - Blood-Trace Metal	15-Apr-26
Specimen type - Blood-Serum	15-Apr-26

COPPER/ZINC STATUS

TEST	RESULT	H/L	REFERENCE	UNITS
Copper	21.2		(13.0-22.0)	umol/L
Zinc	9.5		(9.0-19.0)	umol/L
Copper/Zinc Ratio	2.23	H	(0.54-1.68)	ratio
Caeruloplasmin	0.22		(0.20-0.60)	g/L

FREE COPPER STATUS

TEST	RESULT	H/L	REFERENCE	UNITS
% Free Copper	51	H	(5-25)	%

COPPER/ZINC COMMENT

ELEVATED FREE COPPER:

Consider chelation therapy, Vit C, Zinc, Molybdenum, Glutamine, Histidine and threonine. Optimal free Copper of 5-25% is recommended by Dr B Walsh. Retesting Zinc and Copper levels after 3 months of treatment is recommended. Signs of Cu overload include hyperactivity, skin sensitivity to metals. Skin tags, estrogen dominance, emotional meltdowns, tinnitus, abnormal periods.

ELEVATED Cu/Zn RATIO:

The ratio of copper to zinc is clinically more important than the individual levels of each analyte. Elevated copper/Zinc ratios can be particularly serious for persons with low blood histamine (over methylation). This combination of imbalances has been associated with anxiety, panic disorders, paranoia and hallucinations.

Methodology

Inductively Coupled Plasma Mass Spectrometry (ICP-MS), Automated Chemistry/Immunochemistry

SAMPLE REPORT

NATA Accreditation No. 20770. The current scope of accreditation is available on the NATA website.