



CLARE SCHOLES
29-May-1985 **Female**

4 WALPOLE STREET
MOUNT MARTHA VIC 3934

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-STEFANY KAYE
WILDFLOWER THERAPIES
107 QUEENS PARADE
CLIFTON HILL VIC 3068

LAB ID : 3954943
UR NO. : 6241716
Collection Date : 05-Feb-2024
Received Date: 06-Feb-2024



3954943

INTEGRATIVE MEDICINE

| BLOOD - SERUM | Result | Range | Units | |
|-----------------------|--------------|-------------|--------|--|
| COPPER | 14.3 | 11.0 - 22.0 | umol/L | |
| CAERULOPLASMIN | 0.20 | 0.16 - 0.45 | g/L | |
| % Free Copper | 33 *H | 5 - 25 | % | |

Integrative Medicine Comments

Plasma Copper Reference Ranges (Additional):
Female on Contraceptives: 20.8 - 34.8 umol/L
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.

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.

| | | | | |
|--------------------------|----------------|-------------|--------|--|
| BLOOD - NA HEP | | | | |
| ZINC | 9.3 | 9.0 - 19.0 | umol/L | |
| Copper/Zinc Ratio | 1.53 *H | 0.80 - 1.00 | RATIO | |

Tests ordered: %FrCU,CFe,CPLS,CU,Cu/Zn,GOG161,IMCOM,IMPEI,ZN

(*) Result outside normal reference range (H) Result is above upper limit of reference range