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Date of Birth : 09-Sep-1949

Sex : F

Collected : 07-Jun-2016

34 PLATEAU PARADE

BRAY PARK QLD 4500

Lab id: **3432265** UR#:

REWIND HEALTH AND WELLNESS

UNIT 1/39 WAGAWN STREET

TUGUN QLD 4224

BIOCHEMISTRY

BLOOD - SERUM

VITAMIN B12

Result

298

Range

200 - 700

Units

pmol/L

SERUM FOLATE

29

6 - 45

nmol/L

INTEGRATIVE MEDICINE

BLOOD - SERUM

Free Copper Index

Result

17.0

Range

11.0 - 22.0

Units

umol/L

COPPER

108.3

ug/dL

Copper ug/dl

CAERULOPLASMIN

0.21

0.18 - 0.40

g/L

CPLS-bound Cu

63.7

% Free Copper

41 *H

5 - 25

%

Integrative Medicine Comments

Plasma Copper Reference Range:

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.

BLOOD - NA HEP

ZINC

9.3

9.0 - 19.0

umol/L

Copper/Zinc Ratio

1.83 *H

0.80 - 1.00

RATIO

Tests ordered: ZN,B12,FOL,IMPEI,CFee,Cu/Zn,FCuInd

(*) Result outside normal reference range

(H) Result is above upper limit of reference range