

## SAMPLE REPORT 09-May-1990 Female

16 HARKER STREET BURWOOD VIC 3125

Dr.SAMPLE REPORT TEST HEALTH CENTRE 123 TEST STREET BURWOOD VIC 3125

E: info@nutripath.com.au

LAB ID : 3814202 UR NO. : Collection Date : 09-May-2022 Received Date:09-May-2022



BIOCHEMISTRY							
BLOOD - SERUM	Result	Range	Units				
25 OH VITAMIN D	85	50 - 250	nmol/L				

## Vitamin D Comment

The Working Group of the Australian and New Zealand Bone and Mineral Society, Endocrine Society of Australia and Osteoporosis Australia have recommended that the Vitamin D level should be greater than 50 nmol/L.

Recommended Target Range:	125 - 200	nmol/l
Deficient Level:	< 50	nmol/l
Insufficient Level:	50 - 74	nmol/l
Sufficient Level:	75 - 250	nmol/l
Excessive Level:	> 250	nmol/l

## COMMENT :

25-hydroxy Vitamin represents the body's stores/reserves level. Where levels are deemed sub-optimal, consider assessing 1-25-dihydroxy Vitamin D3 (the active form of the molecule). This may be tested off the existing specimen at the laboratory within 7 days. If you wish to proceed with this test, please forward a new request form for this patient.

BLOOD - PLASMA						
HOMOCYSTEINE	<i>16.0</i> *H	5.0 - 12.0	umol/L	•		
INTEGRATIVE MEDICINE						
BLOOD - SERUM	Result	Range	Units			
Free Copper Index						
COPPER	18.6	11.0 - 22.0	umol/L	•		
CAERULOPLASMIN	0.27	0.18 - 0.40	g/L			
% Free Copper	<i>31</i> *H	5 - 25	%			



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## **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, paranoiaand 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.

HISTAMINE	<b>33.0</b> 28.0 - 51.0	ug/L		
Histamine Comment	Whole Blood Histamine le	vel is within ran	ge.	
BLOOD - NA HEP				
ZINC	<b>14.1</b> 9.0 - 19.0	umol/L		
Copper/Zinc Ratio	<b>1.32</b> *H 0.80 - 1.00	RATIO		•

Tests ordered: HIAM,ZN,HOMO,IMPEI,VITD,CFee,Cu/Zn,FCuInd,PfeifeeB (\*) Result outside normal reference range (H) Result is above upper limit of reference rang



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