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100 INTERNATIONAL BLVD TORONTO M9W 6J6 1(877)849-3637

DR. IT TESTING 100 INTERNATIONAL BLVD TORONTO,ON M9W 6J6	1313 9313	TEST, NUTRIENT PANEL 18-MAY-1966 F (000)000-0000	1M0710122
DR. IT TESTING	3		12-MAR-19 12-MAR-19
•			FINAL

MAGNESIUM ZINC

0.47 LO 0.70-1.00 mmol/L 10 10.1 umol/L

Reference Range: ===========

Normal/Non-Exposed: 8.7 - 19.1 umol/L Exposed (BEI): Not Available

BEI(Biological Exposure Index); the level above which excessive exposure has occurred.

This test was developed by LifeLabs. performance characteristics have been fully validated and the test has been designated fit for use in routine patient testing. This test has not been submitted to Health Canada for evaluation, and as an in-house validated test, does not require Health Canada approval for diagnostic use.

VITAMIN B12	275	138-652	pmol/L
IONIZED CALCIUM (iCA)			
pH iCA (UNCORRECTED) iCA (CORRECTED TO pH7.4)	7.70 1.31 1.30	1.12 - 1.31 1.12 - 1.31	mmol/L mmol/L

NOTE: Differences between the uncorrected ionized calcium result and the ionized calcium corrected to pH 7.4 are due to the sample having a pH significantly different from pH 7.4 Specimen pH may be artificially decreased due to delayed processing and may be increased when the specimen is exposed to air. Due to these factors, ionized calcium corrected to pH 7.4 should be interpreted with caution and used when the clinician has knowledge of the patients! knowledge of the patients' acid/base status.

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BIOCHEMISTRY

25-HYDROXY VITAMIN D

250 75 - 250 nmol/L

10

Season, race and dietary intake affect 25-Hydroxy Vitamin D levels. Highest levels are found in the summer months and lowest levels during the winter.

ASCORBIC ACID

295

umol/L

Reference Interval: Deficient: <11 umol/L Suboptimal: 11 - 28 umol/L >28 Adequate:

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COPPER

30.0

11.0 - 30.0

umol/L

Exposed (BEI):

Not available

BEI (Biological Exposure Index) the level above which excessive exposure has occurred.

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VITAMIN B1

184

78-185

nmol/L

I18

Vitamin supplementation within 24 hours prior to blood draw may affect the accuracy of results.

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BIOCHEMISTRY

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Valencia. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

This test was performed at Quest Diagnostics, Nichols Institute - Valencia. 27027 Tourney Road, Valencia, CA 91355-5386

BIOCHEMISTRY

VITAMIN A

4.1 HI 1.2 - 2.8 umol/L

T41

This test was referred to Hamilton Health Science Main Lab (Hamilton General) 237 Barton St E, Hamilton ON L8L 2X2

VITAMIN E

25.0

12 - 46

This test was referred to Laboratory Reference Centre: Hamilton General 237 Barton St. E., Hamilton, ON, L8L 2X2

VITAMIN B6

32

20 - 96

nmol/L I15

This test was referred to London Laboratory Services Group, Victoria Hospital 800 Commissioners Rd E., London, ON, N6A 5W9