



4855 Peachtree Industrial Blvd.
Norcross, GA 30092
770.446.5483 Fax:770.441.2237

Ordering Physician:

145679 - 158529

Metamatrix Research Account

4855 Peachtree Industrial Blvd.
Suite 201
Norcross, GA 30092

Accession Number: **A0512120045**

Reference Number:

Patient:

Sample Report

Age: 35

Sex: M

Date Collected:

Not Specified

Date Received:

12/12/05

Report Date:

12/12/05

Telephone:

7704465483

Fax:

7704412237

Reprinted:

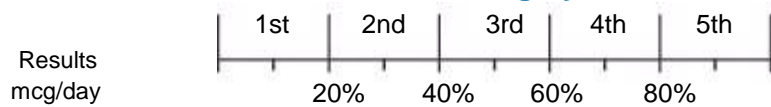
12/19/05

Comment:

0058 Nutrient & Toxic Elements - 24 Hour Urine

Methodology: Inductively Coupled Plasma/Mass Spectroscopy

Percentile Ranking by Quintile



**95%
Reference
Interval**

Highly Toxic Heavy Metals

Element	Results mcg/day	Percentile	Reference Interval
1 Arsenic	11	80	<= 80
2 Cadmium	0.65	1.50	<= 1.50
3 Lead	9.5 H	8.0	<= 8.0
4 Mercury	5.4 H	5.0	<= 5.0

Potentially Toxic Elements

Element	Results mcg/day	Percentile	Reference Interval
5 Aluminum	18	72	<= 98
6 Boron	2.95	7.00	0.73 - 7.00

Essential Elements

Element	Results mcg/day	Percentile	Reference Interval
7 Calcium	174	283	16 - 340
8 Chromium	2.1	6.8	0.2 - 7.5
9 Cobalt	0.4	0.9	<= 1.6
10 Copper	29.2	80.0	7.9 - 80.0
11 Iron	2,975 H	2,818	242 - 3,282
12 Magnesium	119	193	36 - 227
13 Manganese	0.7	6.0	0.5 - 6.0



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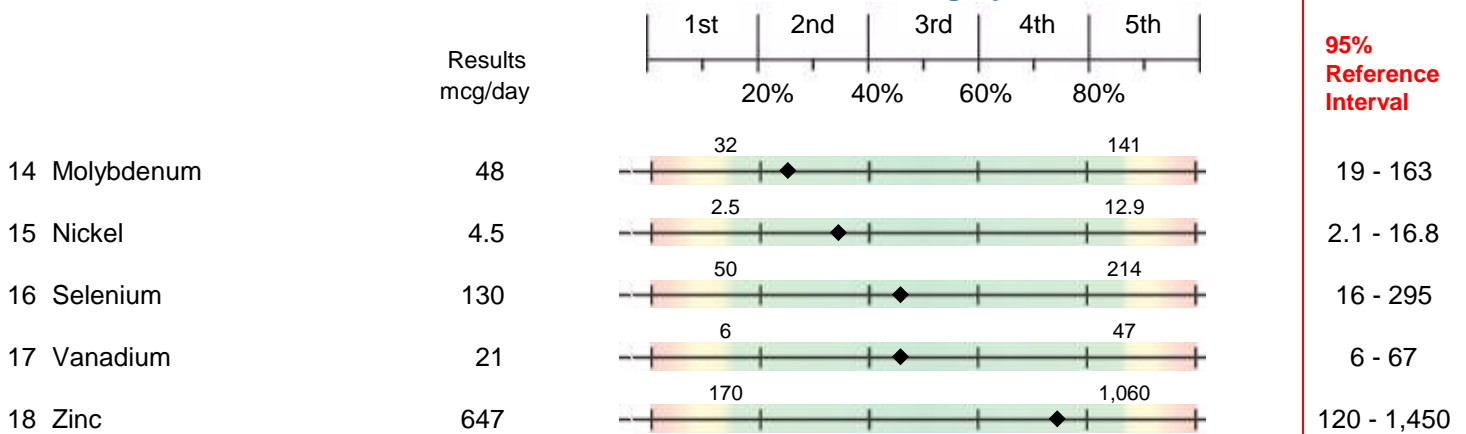
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Methodology: *Inductively Coupled Plasma/Mass Spectroscopy*

Percentile Ranking by Quintile



Volume = 775 mL

Provocation: Yes

Provoking Agent: DMSA

Reference ranges are representative of a population under non-challenge or non-provoked conditions. No safe reference levels for toxic metals have been established.

· These guidelines are intended as a starting point for the clinician who requested the test and are based only on the laboratory results included in this report. Final recommendations should be implemented by the clinician with consideration of medical history and current clinical observations.
· These tests are not intended for the diagnosis of specific disorders.