

URINE TOXIC METALS



The Great Plains Laboratory, Inc.

LAB#: _____
 PATIENT: _____
 ID: _____
 SEX: _____
 AGE: _____

William Shaw, Ph.D. Director 11813 W. 77th Street, Lenexa, KS 66214 (913) 341-8949 Fax (913) 341-6207

POTENTIALLY TOXIC METALS

METALS	RESULT µg/g CREAT	REFERENCE RANGE	WITHIN REFERENCE RANGE	ELEVATED	VERY ELEVATED
Aluminum	930	< 60			
Antimony	0.7	< 1.5			
Arsenic	43	< 130			
Beryllium	< dl	< 0.6			
Bismuth	< dl	< 20			
Cadmium	2.5	< 2			
Lead	21	< 5			
Mercury	2.6	< 5			
Nickel	170	< 15			
Platinum	< dl	< 1			
Thallium	0.8	< 1.1			
Thorium	0.1	< 0.5			
Tin	15	< 15			
Tungsten	0.2	< 1.5			
Uranium	0.8	< 0.2			

SAMPLE REPORT

CREATININE

	RESULT mg/dL	REFERENCE RANGE	2SD LOW	1SD LOW	MEAN	1SD HIGH	2SD HIGH
Creatinine	46	25- 180					

SPECIMEN DATA

Comments:

Date Collected:
 Date Received:
 Date Completed:

Method:
 <dl:
 Provoking Agent:

Collection Period:
 Volume:
 Provocation:

Toxic metals are reported as µg/g creatinine to account for urine dilution variations. **Reference ranges are representative of a healthy population under non-challenge or non-provoked conditions.** No safe reference levels for toxic metals have been established.

V10.00

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URINE ESSENTIAL ELEMENTS



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ESSENTIAL ELEMENTS

ELEMENTS	RESULT µg/mg CREAT	REFERENCE RANGE	PERCENTILE					
			2.5 th	16 th	50 th	84 th	97.5 th	
Sodium	9000	1000- 8000						
Potassium	6820	1000- 7000						
Phosphorus	780	350- 1700						
Calcium	3810	45- 300						
Magnesium	440	40- 300						
Zinc	110	0.15- 2.5						
Copper	1	0.012- 0.12						
Sulfur	2860	280- 1800						
Manganese	0.83	0.0005- 0.02						
Molybdenum	0.31	0.02- 0.25						
Boron	13	0.8- 7						
Chromium	0.15	0.02- 0.24						
Lithium	0.053	0.008- 0.25						
Selenium	0.4	0.05- 0.4						
Strontium	0.66	0.06- 0.4						
Vanadium	0.04	0.005- 0.07						
Barium	0.022	< 0.02						
Cobalt	0.01	< 0.03						
Iron	2.1	< 0.6						
Zirconium	0.003	< 0.008						

SAMPLE REPORT

CREATININE

	RESULT mg/dL	REFERENCE RANGE	2SD LOW	1SD LOW	MEAN	1SD HIGH	2SD HIGH
Creatinine	46	25- 180					

SPECIMEN DATA

Comments:

Date Collected:

Method:

Collection Period:

Date Received:

<dl:

Volume:

Date Completed:

Provoking Agent:

Provocation:

Essential elements are reported as µg/mg creatinine to account for urine dilution variations. **Reference ranges are representative of a healthy population under non-challenge or non-provoked conditions.** Detoxification therapies can cause significant elevations of certain essential element levels (e.g. Cu, Zn).

V07.02