

Comprehensive Urine Element Profile Ratio to Creatinine



63 Zillicoa Street
Asheville, NC 28801
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Patient: **SAMPLE PATIENT** Order Number:
Age: 47 Completed: June 11, 2007
Sex: F Received: June 07, 2007
MRN: Collected: June 04, 2007

This test reveals important clinical information about:

- **Urinary excretion** of a diverse spectrum of toxic elements and elements which are toxic at excessive levels, for a total of 20 potentially toxic elements
- **Notification of "Panic levels"** for mercury, lead, cadmium and arsenic in both children and adults
- **Levels of toxic elements ratioed to creatinine**, which provides enhanced accuracy and more flexibility in specimen collection (spot, short-term, intermediate, or 24-hour)

Toxic Elements			
Results in µg/g creatinine			
Element	Reference Range	TMPL	Reference Range
Lead		32.5	<= 1.4
Mercury		71.52	<= 2.19
Aluminum	3.5		<= 22.3
Antimony	0.462		<= 0.149
Arsenic	22		<= 50
Barium	0.3		<= 6.7
Bismuth	4.86		<= 2.28
Cadmium	2.06		<= 0.64
Cesium	7.2		<= 10.5
Gadolinium	0.025		<= 0.019
Gallium	0.025		<= 0.028
Nickel	2.23		<= 3.88
Niobium	<dl		<= 0.084
Platinum	<dl		<= 0.033
Rubidium	2,303		<= 2,263
Thallium	0.160		<= 0.298
Thorium	2.657		<= 4.189
Tin	2.17		<= 2.04
Tungsten	<dl		<= 0.211
Uranium	<dl		<= 0.026

Nutrient Elements		
Results in µg/g creatinine		
Element	Reference Range	Reference Range
Chromium	4.5	0.6-9.4
Cobalt	0.33	0.01-2.60
Copper	328.7	4.0-11.4
Iron	<dl	5-64
Lithium	15	9-129
Manganese	0.79	0.03-1.16
Molybdenum	15	15-175
Selenium	53	32-333
Strontium	43	47-346
Vanadium	1.1	0.1-3.2
Zinc	1,626	63-688

Results in mg/g creatinine		
Element	Reference Range	Reference Range
Calcium	35	37-313
Magnesium	63	41-267
Potassium	3,993	759-4,653
Sulfur	713	367-1,328

Creatinine Concentration		
Urine Creatinine*	59.47	23.00-205.00 mg/dL

Collection Information	
Urine Total Volume (in milliliters):	278.0
Length of Collection:	6.0
Provocation Comment:	
Post-provocation laboratory results.	

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CUEPC RMS 314 Rev 7

For test kits, clinical support, or more information contact:

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More detailed publications with references are also available: www.GDX.net