

BEFORE

Comprehensive Urine Element Profile Ratio to Creatinine



Genova Diagnostics
Innovative Testing for Optimal Health

63 Zillicoa Street
Asheville, NC 28801
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Patient: **Order Number: 85040229**
Completed: January 08, 2007
Age: 41
Sex: F
MRN: 0000997204

Timothy Ray OMD LAC
23151 Alcalde Ste C3
Laguna Hills, CA 92653

Toxic Elements			
Results in µg/g creatinine			
Element	Reference Range	TMPL	Reference Range
Lead	1.4		≤ 1.4
Mercury	1.40		≤ 2.19
Aluminum	<dl		≤ 22.3
Antimony	<dl		≤ 0.149
Arsenic		83	≤ 50
Barium	4.5		≤ 6.7
Bismuth		5.66	≤ 2.28
Cadmium	0.16		≤ 0.64
Cesium	5.9		≤ 10.5
Gadolinium	<dl		≤ 0.019
Gallium		0.043	≤ 0.028
Nickel	2.05		≤ 3.88
Niobium	<dl		≤ 0.084
Platinum	<dl		≤ 0.033
Rubidium		2,625	≤ 2,263
Thallium	0.157		≤ 0.298
Thorium	<dl		≤ 4.189
Tin	0.77		≤ 2.04
Tungsten	<dl		≤ 0.211
Uranium	<dl		≤ 0.026

Nutrient Elements		
Results in µg/g creatinine		
Element	Reference Range	Reference Range
Chromium	6.3	0.6-9.4
Cobalt	0.43	0.01-2.60
Copper	12.0	4.0-11.4
Iron	<dl	5-64
Lithium	59	9-129
Manganese	2.52	0.03-1.16
Molybdenum	24	15-175
Selenium	46	32-333
Strontium	179	47-346
Vanadium	2.9	0.1-3.2
Zinc	80	63-688

Results in mg/g creatinine		
Element	Reference Range	Reference Range
Calcium	167	37-313
Magnesium	184	41-267
Potassium	4,826	759-4,653
Sulfur	578	367-1,328

Collection Information
 Urine Total Volume (in milliliters): not given
 Length of Collection: 2.0
 Provocation Comment:
 Post-provocation laboratory results.

Creatinine Concentration
 Urine Creatinine* **35.08** 23.00-205.00 mg/dL

AFTER

Comprehensive Urine Element Profile Ratio to Creatinine



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63 Zillicoa Street
Asheville, NC 28801
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Patient: **Order Number: 85040361**
Completed: January 08, 2007
Age: 41
Sex: F
MRN: 0000997204

Timothy Ray OMD LAC
23151 Alcalde Ste C3
Laguna Hills, CA 92653

Toxic Elements			
Results in µg/g creatinine			
Element	Reference Range	TMPL	Reference Range
Lead	0.1		≤ 1.4
Mercury	0.57		≤ 2.19
Aluminum	<dl		≤ 22.3
Antimony	0.110		≤ 0.149
Arsenic		111	≤ 50
Barium	<dl		≤ 6.7
Bismuth	2.41		≤ 2.28
Cadmium	0.24		≤ 0.64
Cesium	6.1		≤ 10.5
Gadolinium	0.012		≤ 0.019
Gallium	0.012		≤ 0.028
Nickel	2.39		≤ 3.88
Niobium	<dl		≤ 0.084
Platinum	<dl		≤ 0.033
Rubidium	2,395		≤ 2,263
Thallium	0.293		≤ 0.298
Thorium	<dl		≤ 4.189
Tin	0.42		≤ 2.04
Tungsten	<dl		≤ 0.211
Uranium	<dl		≤ 0.026

Nutrient Elements		
Results in µg/g creatinine		
Element	Reference Range	Reference Range
Chromium	10.5	0.6-9.4
Cobalt	0.65	0.01-2.60
Copper	8.8	4.0-11.4
Iron	<dl	5-64
Lithium	93	9-129
Manganese	2.03	0.03-1.16
Molybdenum	50	15-175
Selenium	56	32-333
Strontium	67	47-346
Vanadium	4.0	0.1-3.2
Zinc	16	63-688

Results in mg/g creatinine		
Element	Reference Range	Reference Range
Calcium	91	37-313
Magnesium	214	41-267
Potassium	4,460	759-4,653
Sulfur	797	367-1,328

Collection Information
 Urine Total Volume (in milliliters): 500.0
 Length of Collection: 0.0
 Provocation Comment:
 Pre-provocation laboratory results.

Creatinine Concentration
 Urine Creatinine* **81.89** 23.00-205.00 mg/dL