

Patient: **SAMPLE**
PATIENT

DOB:
Sex:
MRN:

3527 Comprehensive Urine Element Profile - Ratio to Creatinine - Urine

Methodology: Alkaline Picrate, ICP-MS

Toxic Elements		Nutrient Elements	
Element	Reference Range	Element	Reference Range
Results in mcg/g creatinine		Results in mcg/g creatinine	
Lead	32.5	Chromium	4.5
Mercury	71.52	Cobalt	0.33
Aluminum	3.5	Copper	328.7
Antimony	0.462	Iron	<DL
Arsenic	22	Lithium	15
Barium	0.3	Manganese	0.79
Bismuth	4.86	Molybdenum	15
Cadmium	2.06	Selenium	53
Cesium	7.2	Strontium	43
Gadolinium	0.025	Vanadium	1.1
Gallium	0.025	Zinc	1,626
Nickel	2.23	Results in mg/g creatinine	
Platinum	<DL	Calcium	35
Rubidium	2,303	Magnesium	63
Thallium	0.160	Sulfur	713
Tin	2.17	Collection Information	
Tungsten	<DL	Urine Total Volume (in milliliters):	278
Uranium	<DL	Length of Collection (hours):	6.0
		Provocation Comment:	Post-provocation laboratory results.
Creatinine Concentration		Elemental reference ranges were developed from a healthy population under non-provoked/nonchallenged conditions. Provocation with challenge substances may raise the urine level of some elements.	
Creatinine ♦	59.47	23.00-205.00 mg/dL	



Commentary

The performance characteristics of all assays have been verified by Genova Diagnostics, Inc. Unless otherwise noted with ♦, the assay has not been cleared by the U.S. Food and Drug Administration.

For more information regarding Comprehensive Urine Element Profile clinical interpretation, please refer to our Toxic & Nutrient Element Chart at:

<https://www.gdx.net/core/supplemental-education-materials/Toxic-and-Nutrient-Elements-Chart.pdf>