GENOVA DIAGNOSTICS
63 Zillicoa Street
Asheville, NC 28801

Patient: **SAMPLE PATIENT**
DOB:
Sex:
MRN:

3529 Toxic Element Clearance Profile - Ratio to Creatinine - Urine

Methodology: Alkaline Picrate, ICP-MS

Toxic Elements

Element	Results in µg/g creatinine	Reference Range
Lead	9.3	<= 1.4
Mercury	5.68	<= 2.19
Aluminum	17.9	<= 22.3
Antimony	0.043	<= 0.149
Arsenic	2	<= 50
Barium	1.8	<= 6.7
Bismuth	<DL	<= 2.28
Cadmium	0.37	<= 0.64
Cesium	4.5	<= 10.5
Gadolinium	0.011	<= 0.019
Gallium	0.016	<= 0.028
Nickel	<DL	<= 3.88
Niobium	<DL	<= 0.084
Platinum	<DL	<= 0.033
Rubidium	1,037	<= 2,263
Thallium	0.178	<= 0.298
Thorium	<DL	<= 4.189
Tin	0.51	<= 2.04
Tungsten	0.048	<= 0.211
Uranium	<DL	<= 0.026

Sulfur

Element	Results in mg/g creatinine	Reference Range
Sulfur *	510	367-1,328

*Elevated sulfur may indicate the presence of a chelating agent.

Creatinine Concentration

		Reference Range
Creatinine ◆	92.92	23.00-205.00 mg/dL

Collection Information

Urine Total Volume (in milliliters):	550
Length of Collection (hours):	6.0

Provocation Comment:
Post-provocation laboratory results.

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.

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 Toxic Element Clearence 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