

Urine Element Analysis

Provider:

Patient:  
Jane Smith

Date of Birth : 01-Mar-1969

Age : 44

Gender : F

Phone:

Fax:

Collection Period: TIMED 6.00 hrs  
Urine Volume: N/A

Provocation: \*POST-PROVOCATION  
Provoking Agent: DMPS

TOXIC or POTENTIALLY TOXIC ELEMENTS

Toxic Elements	Results ug/g Cr	Reference Range ug/g Cr	Percentile					
			6.7	31	69	93	99.4	
Aluminum	< dl	<39						Al
Antimony	0.12	<0.35						Sb
Arsenic	11	<81						As
Bismuth	< dl	<0.20						Bi
Cadmium	0.29	<1.1						Cd
Cesium	3.5	<10						Cs
Gadolinium	0.093	<0.040						Gd
Indium	< dl	<0.029						In
Lead	< dl	<3.9						Pb
Mercury	4.1	<1.3						Hg
Nickel	4.6	<14						Ni
Tellurium	< dl	<0.41						Te
Thallium	0.10	<0.40						Tl
Thorium	< dl	<0.062						Th
Tin	1.4	<2.6						Sn
Tungsten	< dl	<0.29						W
Uranium	< dl	<0.027						U

< dl = result is less than detection limit



Mercury has the potential to damage/affect any organ system, as it binds to the sulphur-containing portions of proteins found throughout the body. Suppression of the immune system and dysregulation of immunity may occur. General symptoms such as fatigue, headache and loss of appetite are also noted. Neurologic symptoms are prominent and can include numbness, tingling and eventual loss of sensation in the extremities. Alteration in taste (metallic taste), hearing and vision may be seen. Tremor and problems with balance and coordination are common with chronic exposure. Irritability and excitability may also manifest with chronic exposure. Advanced mercury intoxication can result in manic/psychotic behaviour.

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