

Urine Toxic and Essential Elements Analysis (Essential Elements)



LAB #: U000000-0000-0
 PATIENT: Sample Patient
 ID: PATIENT-S-00001
 SEX: Female
 AGE: 61

CLIENT #: 12345
 DOCTOR:
 Doctor's Data, Inc.
 3755 Illinois Ave.
 St. Charles, IL 60174

Essential Elements; Urine

ESSENTIAL AND OTHER ELEMENTS				
		RESULT/UNIT	REFERENCE INTERVAL	PERCENTILE
		per creatinine		2.5 th 16 th 50 th 84 th 97.5 th
Sodium	(Na)	330 mEq/g	43.5- 226	
Potassium	(K)	79 mEq/g	22- 82	
Phosphorus	(P)	530 µg/mg	250- 1300	
Calcium	(Ca)	1040 µg/mg	35- 350	
Magnesium	(Mg)	480 µg/mg	25- 230	
Zinc	(Zn)	34 µg/mg	0.1- 2	
Copper	(Cu)	0.6 µg/mg	0.01- 0.09	
Sulfur	(S)	1490 µg/mg	308- 1650	
Manganese	(Mn)	0.099 µg/mg	0.0005- 0.01	
Molybdenum	(Mo)	0.12 µg/mg	0.016- 0.18	
Boron	(B)	1.3 µg/mg	0.8- 6.8	
Chromium	(Cr)	0.003 µg/mg	0.0005- 0.01	
Lithium	(Li)	0.023 µg/mg	0.01- 0.2	
Selenium	(Se)	0.18 µg/mg	0.034- 0.29	
Strontium	(Sr)	0.41 µg/mg	0.06- 0.54	
Vanadium	(V)	0.002 µg/mg	0.0002- 0.004	
Cobalt	(Co)	1.9 µg/mg	< 0.008	68 th 95 th
Iron	(Fe)	3 µg/mg	< 2	

URINE CREATININE							
	RESULT	REFERENCE INTERVAL	-2SD	-1SD	MEAN	+1SD	+2SD
	mg/dl						
Creatinine	267	35- 225					

This result indicates metabolic 'Wasting' of nutrient minerals into urine (resulting in potential 'Functional deficiencies' within the body. - (Explore causes such as hormone balance, kidney function, toxic load, etc. in this case)

* Can be combined with provocation agents by a medical practitioner within the practice of 'chelation therapy' and making the most accurate assessments of the overall body burden of toxic elements..

KEY NUTRITIONAL INSIGHT

* One of the most accurate indications of Copper and Chromium status

SPECIMEN DATA		
Comments:		
Date Collected: 12/5/2011	pH Upon Receipt: Acceptable	Collection Period: timed: 6 hours
Date Received: 12/7/2011	<dl: less than detection limit	Volume:
Date Completed: 12/9/2011	Provoking Agent: DMPS CAEDTA	Provocation: POST PROVOCATIVE
Method: ISE;Na, K Spectrophotometry; P ICP-MS; B, Ca, Cr, Co, Cu, Fe, Mg, Mn, Mo, Se, Sr, S, V, Zn Creatinine by Jaffe method		
Results are creatinine corrected to account for urine dilution variations. Reference intervals and corresponding graphs are representative of a healthy population under non-provoked conditions. Chelation (provocation) agents can increase urinary excretion of metals/elements.		
V13		