LAB #: U200620-2055-1

SEX: Female
DOB: AGE: 48

CLIENT #: 32029
DOCTOR: Michael Cheikin, MD
Wynd Moore Rehab Association
832 Germantown Pike 3
Plymouth Meeting, PA 19462 U.S.A.

Toxic Metals; Urine

TOXIC METALS

		RESULT µg/g creat	REFERENCE INTERVAL	WITHIN REFERENCE / OUTSIDE REFERENCE
Aluminum	(Al)	1.9	< 35	
Antimony	(Sb)	< dl	< 0.2	
Arsenic	(As)	4.6	< 80	
Barium	(Ba)	0.8	< 7	
Beryllium	(Be)	< dl	< 1	
Bismuth	(Bi)	< dl	< 4	
Cadmium	(Cd)	< dl	< 1	
Cesium	(Cs)	3	< 10	
Gadolinium	(Gd)	0.1	< 0.8	
Lead	(Pb)	0.8	< 2	
Mercury	(Hg)	1.4	< 4	
Nickel	(Ni)	4.8	< 10	
Palladium	(Pd)	< dl	< 0.3	
Platinum	(Pt)	< dl	< 0.1	
Tellurium	(Te)	< dl	< 0.5	
Thallium	(Tl)	0.1	< 0.5	
Thorium	(Th)	< dl	< 0.03	
Tin	(Sn)	1.2	< 5	
Tungsten	(W)	1.4	< 0.4	
Uranium	(U)	< dl	< 0.04	

TOX

RESULT µg/g creat	WITHIN REFERENCE / OUTSIDE REFERENCE
< dl	
< dl	
< dl	
3	
< dl	
1.5	
< dl	
4.9	
< dl	
4.1	
29	
8	
< dl	
< dl	
< dl	
< dl	
< dl	
0.8	
0.7	
< dl	

URINE CREATININE

	RESULT mg/dL	REFERENCE INTERVAL	-2SD -1SD MEAN +1SD +2SD
Creatinine	190	30- 225	

URINE

RESULT mg/dL	-2SD -1SD MEAN +1SD +2SD
8.56	

SPECIMEN DATA

Date Collected: 06/16/2020
Date Received: 06/20/2020
Date Reported: 07/09/2020
Method: ICP-MS

pH upon receipt: Acceptable
<dl: less than detection limit
Provoking Agent:
Creatinine by Jaffe Method

Collection Period: timed: 6 hours
Volume:
Provocation: PRE PROVOCATIVE

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

SPE

H upon receipt
dl: less t
rovoking Agent
eatinine by

Collection Period: timed: 6 hours
Volume:
Provocation: POST PROVOCATIVE

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ation under non. Chelation (provocation) agents can
nts. V13

DOCTOR'S DATA INC

LAB #: U200620-2055-1

SEX: Female

Age: 48

CLIENT #: 32029
DOCTOR: Michael Cheikin, MD
Wynd Moore Rehab Association
832 Germantown Pike 3
Plymouth Meeting, PA 19462 U.S.A.

Essential Elements; Urine

ESSENTIAL AND OTHER ELEMENTS

		RESULT/UNIT per creatinine		REFERENCE INTERVAL	PERCENTILE 2.5th 16th 50th 84th 97.5th
Sodium	(Na)	9.2	mEq/g	45- 200	
Potassium	(K)	73	mEq/g	20- 110	
Phosphorus	(P)	1060	µg/mg	180- 1100	
Calcium	(Ca)	40	µg/mg	30- 350	
Magnesium	(Mg)	83	µg/mg	25- 230	
Zinc	(Zn)	0.56	µg/mg	0.1- 1.5	
Copper	(Cu)	0.011	µg/mg	0.007- 0.06	
Sulfur	(S)	440	µg/mg	275- 1200	
Manganese	(Mn)	0.0009	µg/mg	0.0004- 0.007	
Molybdenum	(Mo)	0.14	µg/mg	0.013- 0.15	
Boron	(B)	2.1	µg/mg	0.5- 4	
Chromium	(Cr)	< dl	µg/mg	0.0003-0.0025	
Lithium	(Li)	24	µg/mg	0.009- 0.2	
Selenium	(Se)	0.027	µg/mg	0.03- 0.25	
Strontium	(Sr)	0.082	µg/mg	0.045- 0.5	
Vanadium	(V)	< dl	µg/mg	0.0001-0.0017	
					68th 95th
Cobalt	(Co)	< dl	µg/mg	< 0.008	
Iron	(Fe)	< dl	µg/mg	< 1	

URINE CREATININE

	RESULT mg/dL	REFERENCE INTERVAL	-2SD -1SD MEAN +1SD +2SD
Creatinine	190	30- 225	

SPECIMEN DATA

Date Collected: 06/16/2020
Date Received: 06/20/2020
Date Reported: 07/09/2020
pH Upon Receipt: Acceptable
<dl: less than detection limit
Provoking Agent:
Collection Period: timed: 6 hours
Volume:
Provocation: PRE 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