



ORDER: 210422-2298
TEST: U210422-2298-1
CLIENT REF: UTM-29558
PATIENT: Alex Maclean
ID: MACLEAN-A-00139
SEX: Male
AGE: 24 DOB: 09/19/1996

CLIENT #: 39238
DOCTOR:
Neurological Research Institute LLC
279 Walkers Mills Rd
Bethel, ME 04217 U.S.A.

Suggestions for your consideration
As always, consult with
your health care professional.
With Love & Hope, Dr. Amy

Defer to
your
own doctor

Toxic Metals; urine

TOXIC METALS				
		RESULT µg/g Creat	REFERENCE INTERVAL	
				WITHIN REFERENCE OUTSIDE REFERENCE
Aluminum	(Al)	0.8	< 15	
Antimony	(Sb)	0.065	< 0.18	
Arsenic	(As)	13	< 40	
Barium	(Ba)	0.65	< 5	
Beryllium	(Be)	<dl	< 0.10	
Bismuth	(Bi)	0.48	< 0.8	
Cadmium	(Cd)	0.06	< 0.6	
Cesium	(Cs)	6.8	< 9	
Gadolinium	(Gd)	0.01	< 0.5	
Lead	(Pb)	0.37	< 1.1	
Mercury	(Hg)	0.091	< 0.8	
Nickel	(Ni)	1.3	< 4	
Palladium	(Pd)	<dl	< 0.3	
Platinum	(Pt)	<dl	< 0.1	
Tellurium	(Te)	<dl	< 0.5	
Thallium	(Tl)	0.13	< 0.4	
Thorium	(Th)	<dl	< 0.015	
Tin	(Sn)	<dl	< 3	
Tungsten	(W)	0.07	< 0.4	
Uranium	(U)	0.014	< 0.03	

URINE CREATININE					
	RESULT mg/dL	REFERENCE INTERVAL	-2SD	-1SD	MEAN
Creatinine	153	35 - 240			

RUN a HMT so you
can optimize Methylation

SPECIMEN DATA

Comments:

Date Collected: 04/18/2021

Date Received: 04/22/2021

Date Reported: 04/26/2021

Methodology: ICP-MS QQQ, Creatinine by Jaffe Reaction

Collection Period: Random

pH upon receipt: Acceptable

< dl: less than detection limit

Results are creatinine corrected to account for urine dilution variations. Reference intervals are based upon NHANES (cdc.gov/nhanes) data if available, and are representative of a large population cohort under non-provoked conditions. Chelation (provocation) agents can increase urinary excretion of metals/elements.

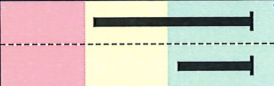
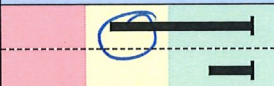




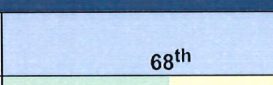


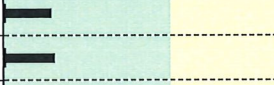

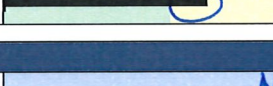
ORDER: 210429-2001
TEST: U210429-2001-1
CLIENT REF: UTM-29558
PATIENT: Alex Maclean
ID: MACLEAN-A-00139
SEX: Male
AGE: 24 DOB: 09/19/1996


CLIENT #: 39238
DOCTOR:
Neurological Research Institute LLC
279 Walkers Mills Rd
Bethel, ME 04217 U.S.A.

Suggestions for your consideration.
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your health care professional.
With Love & Hope, Dr. Amy

Essential Elements; urine

ESSENTIAL ELEMENTS				
		RESULT mEq/g Creat	REFERENCE INTERVAL	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th
Sodium	(Na)	42.1	40 – 200	 Potassium phosphate
Potassium	(K)	36.7	20 – 90	
		RESULT µg/mg Creat		
Phosphorus	(P)	194	150 – 1000	 ATP
Calcium	(Ca)	74	20 – 250	
Magnesium	(Mg)	45.7	20 – 200	 Zinc +
Zinc	(Zn)	0.32	0.09 – 1.3	
Copper	(Cu)	0.0046	0.003 – 0.022	 Call Food
Sulfur	(S)	428	250 – 900	
Molybdenum	(Mo)	0.0339	0.01 – 0.11	 All in one
Boron	(B)	0.82	0.5 – 3.8	
Lithium	(Li)	0.0121	0.008 – 0.18	 + Run 2 HMT
Selenium	(Se)	0.020	0.03 – 0.2	
Strontium	(Sr)	0.093	0.035 – 0.26	 Molybdenum

		RESULT µg/g Creat	REFERENCE INTERVAL	68 th 95 th
Cobalt	(Co)	0.14	< 1	
Iron	(Fe)	3	< 50	
Manganese	(Mn)	<dl	< 0.4	
Chromium	(Cr)	<dl	< 1.5	
Vanadium	(V)	0.23	< 0.6	 FOR Cap +

URINE CREATININE				
		RESULT mg/dL	REFERENCE INTERVAL	-2SD -1SD MEAN +1SD +2SD
Creatinine		159	35 – 240	 Molybdenum

Defer to your doctor

Black Bar

SPECIMEN DATA

Comments:

Date Collected: 04/18/2021

Date Received: 04/29/2021

Date Reported: 05/03/2021

Methodology: ISE, Spectrophotometry, ICP-MS QQQ, Creatinine by Jaffe Reaction

Collection Period: Random

pH upon receipt: Acceptable

< dl: less than detection limit

Results are creatinine corrected to account for urine dilution variations. Reference intervals are based upon NHANES (cdc.gov/nhanes) data if available, and are representative of a large population cohort under non-provoked conditions. Chelation (provocation) agents can increase urinary excretion of metals/elements.