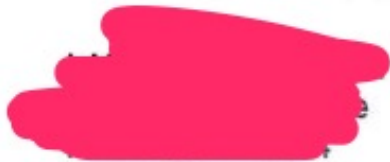


Toxic & Essential Elements; Hair

TOXIC METALS					
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th	
Aluminum (Al)		14	< 7.0	[Bar chart showing result at 68th percentile]	
Antimony (Sb)		< 0.01	< 0.066	[Bar chart showing result below 68th percentile]	
Arsenic (As)		0.012	< 0.080	[Bar chart showing result below 68th percentile]	
Barium (Ba)		1.1	< 1.0	[Bar chart showing result above 68th percentile]	
Beryllium (Be)		< 0.01	< 0.020	[Bar chart showing result below 68th percentile]	
Bismuth (Bi)		0.045	< 2.0	[Bar chart showing result below 68th percentile]	
Cadmium (Cd)		< 0.009	< 0.065	[Bar chart showing result below 68th percentile]	
Lead (Pb)		0.59	< 0.80	[Bar chart showing result below 68th percentile]	
Mercury (Hg)		< 0.03	< 0.80	[Bar chart showing result below 68th percentile]	
Platinum (Pt)		0.003	< 0.005	[Bar chart showing result below 68th percentile]	
Thallium (Tl)		< 0.001	< 0.002	[Bar chart showing result below 68th percentile]	
Thorium (Th)		0.002	< 0.002	[Bar chart showing result at 68th percentile]	
Uranium (U)		0.023	< 0.060	[Bar chart showing result below 68th percentile]	
Nickel (Ni)		0.21	< 0.20	[Bar chart showing result above 68th percentile]	
Silver (Ag)		0.03	< 0.08	[Bar chart showing result below 68th percentile]	
Tin (Sn)		0.12	< 0.30	[Bar chart showing result below 68th percentile]	
Titanium (Ti)		0.33	< 0.60	[Bar chart showing result below 68th percentile]	
Total Toxic Representation					
[Summary bar chart for Total Toxic Representation]					
ESSENTIAL AND OTHER ELEMENTS					
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th	
Calcium (Ca)		2280	200- 750	[Bar chart showing result above 97.5th percentile]	
Magnesium (Mg)		160	25- 75	[Bar chart showing result above 97.5th percentile]	
Sodium (Na)		36	20- 180	[Bar chart showing result below 2.5th percentile]	
Potassium (K)		15	9- 80	[Bar chart showing result below 2.5th percentile]	
Copper (Cu)		11	11- 30	[Bar chart showing result at 50th percentile]	
Zinc (Zn)		200	130- 200	[Bar chart showing result at 50th percentile]	
Manganese (Mn)		0.24	0.08- 0.50	[Bar chart showing result below 50th percentile]	
Chromium (Cr)		0.33	0.40- 0.70	[Bar chart showing result below 2.5th percentile]	
Vanadium (V)		0.018	0.018- 0.065	[Bar chart showing result at 50th percentile]	
Molybdenum (Mo)		0.044	0.025- 0.060	[Bar chart showing result below 50th percentile]	
Boron (B)		0.27	0.40- 3.0	[Bar chart showing result below 2.5th percentile]	
Iodine (I)		1.1	0.25- 1.8	[Bar chart showing result below 50th percentile]	
Lithium (Li)		0.004	0.007- 0.020	[Bar chart showing result below 2.5th percentile]	
Phosphorus (P)		175	150- 220	[Bar chart showing result at 50th percentile]	
Selenium (Se)		0.72	0.70- 1.2	[Bar chart showing result below 50th percentile]	
Strontium (Sr)		4.3	0.30- 3.5	[Bar chart showing result above 97.5th percentile]	
Sulfur (S)		47500	44000- 50000	[Bar chart showing result at 50th percentile]	
Cobalt (Co)		0.095	0.004- 0.020	[Bar chart showing result above 97.5th percentile]	
Iron (Fe)		15	7.0- 16	[Bar chart showing result at 50th percentile]	
Germanium (Ge)		0.032	0.030- 0.040	[Bar chart showing result below 50th percentile]	
Rubidium (Rb)		0.004	0.011- 0.12	[Bar chart showing result below 2.5th percentile]	
Zirconium (Zr)		0.063	0.020- 0.44	[Bar chart showing result below 50th percentile]	
SPECIMEN DATA			RATIOS		
COMMENTS:			ELEMENTS	RATIOS	RANGE
Date Collected: 12/08/2016			Ca/Mg	14.3	4- 30
Date Received: 12/16/2016			Ca/P	13	0.8- 8
Date Completed: 12/17/2016			Na/K	2.4	0.5- 10
Methodology: ICP/MS			Zn/Cu	18.2	4- 20
Sample Size: 0.197 g			Zn/Cd	> 999	> 800
Sample Type: Head					
Hair Color: Brown					
Treatment:					
Shampoo: Pantene					



SEX: Male
AGE: 19

what is main health concern?
extra zinc for teen males

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

Defer to your own doctor as ALWAYS
Suggestions for your consideration
As always, work with your Doctor.
With love & hope, Dr. Amy

Toxic & Essential Elements; Hair

TOXIC METALS			
		RESULT µg/g	REFERENCE INTERVAL
Aluminum (Al)	14	< 7.0	
Antimony (Sb)	< 0.01	< 0.066	
Arsenic (As)	0.012	< 0.080	
Barium (Ba)	1.1	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.045	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.59	< 0.80	
Mercury (Hg)	< 0.03	< 0.80	
Platinum (Pt)	0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.002	< 0.002	
Uranium (U)	0.023	< 0.060	
Nickel (Ni)	0.21	< 0.20	
Silver (Ag)	0.03	< 0.08	
Tin (Sn)	0.12	< 0.30	
Titanium (Ti)	0.33	< 0.60	
Total Toxic Representation			

ATP+
MTHF Liver Gaps
as tolerated Metal
Potassium + ATP
Extra gaba as needed + EDTA soap
GSH + NADH
Respiratory nuc. blend as needed
Riboflavin 5 phos + ATP + Mitoforce

Since gut microbes can hold on to aluminum run a CSA in DNA GET NEXT



[Redacted Name]

ReRUN & HMT in 3-4 months

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

Defer to your doctor as ALWAYS

SEX: Male
AGE: 19

to be sure lithium is in balance so you can THEN work on long route support

Suggestions for your consideration.
As always, work with your Doctor.
With love & hope, Dr. Amy

ESSENTIAL AND OTHER ELEMENTS								
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE					
			2.5 th	16 th	50 th	84 th	97.5 th	
Calcium (Ca)	2280	200- 750						
Magnesium (Mg)	160	25- 75						
Sodium (Na)	36	20- 180						
Potassium (K)	15	9- 80						
Copper (Cu)	11	11- 30						
Zinc (Zn)	200	130- 200						
Manganese (Mn)	0.24	0.08- 0.50						
Chromium (Cr)	0.33	0.40- 0.70						
Vanadium (V)	0.018	0.018- 0.065						
Molybdenum (Mo)	0.044	0.025- 0.060						
Boron (B)	0.27	0.40- 3.0						
Iodine (I)	1.1	0.25- 1.8						
Lithium (Li)	0.004	0.007- 0.020						
Phosphorus (P)	175	150- 220						
Selenium (Se)	0.72	0.70- 1.2						
Strontium (Sr)	4.3	0.30- 3.5						
Sulfur (S)	47500	44000- 50000						
Cobalt (Co)	0.095	0.004- 0.020						
Iron (Fe)	15	7.0- 16						
Germanium (Ge)	0.032	0.030- 0.040						
Rubidium (Rb)	0.004	0.011- 0.12						
Zirconium (Zr)	0.063	0.020- 0.44						

Tri Mag + ATP

Ribos Phos

Potassium + ATP

Cell Food

ZINC

For cap

MTR cap

work with you

doctor on

lithium

orotate

+ ATP

Metal Away as tolerated

MTR cap

work on

lithium

+ ATP to help with

B12 transport

All in One + PS/PEPC + DHA + Ultimate B
work on lithium + energy
THEN ReRUN & HMT in 3-4 months

Focus on short cut while working on lithium is not on B12 until lithium is in better balance.
DEFER to your doctor as ALWAYS