



LAB #: H161006-2275-1
PATIENT: Sophia Lin
ID: LIN-S-00913
SEX: Female
AGE: 6

CLIENT #: 39238

DOCTOR: , MD

Neurological Research Institute, LLC
279 Walkers Mills Rd
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*As always, work with your Doctor.
With love & hope, Dr. Amy*

Toxic & Essential Elements; Hair

TOXIC METALS				PERCENTILE	
Next run 2		RESULT µg/g	REFERENCE INTERVAL	68 th	95 th
Aluminum (Al)		1.7	< 8.0		
Antimony (Sb)	CSA+	0.010	< 0.066		
Arsenic (As)		0.074	< 0.060		
Barium (Ba)	DNAGE	0.18	< 1.5		
Beryllium (Be)		< 0.01	< 0.020		
Bismuth (Bi)		0.12	< 2.0		
Cadmium (Cd)		< 0.009	< 0.070		
Lead (Pb)		0.05	< 0.80		
Mercury (Hg)		0.33	< 0.40		
Platinum (Pt)		< 0.003	< 0.005		
Thallium (Tl)		0.001	< 0.002		
Thorium (Th)		< 0.001	< 0.002		
Uranium (U)		0.002	< 0.060		
Nickel (Ni)		0.04	< 0.30		
Silver (Ag)		0.07	< 0.18		
Tin (Sn)		0.15	< 0.30		
Titanium (Ti)		0.39	< 0.70		
Total Toxic Representation					

ESSENTIAL AND OTHER ELEMENTS				PERCENTILE				
ATP + Ribo S phos		RESULT µg/g	REFERENCE INTERVAL	2.5 th	16 th	50 th	84 th	97.5 th
Calcium (Ca)		376	250- 800					
Magnesium (Mg)		34	25- 90					
Sodium (Na)		82	18- 180					
Potassium (K)		88	10- 90					
Copper (Cu)		12	11- 37					
Zinc (Zn)		190	120- 220					
Manganese (Mn)		0.43	0.08- 0.60					
Chromium (Cr)		0.52	0.40- 0.65					
Vanadium (V)		0.066	0.025- 0.10					
Molybdenum (Mo)		0.047	0.030- 0.090					
Boron (B)		1.2	0.30- 1.7					
Iodine (I)		1.1	0.25- 1.3					
Lithium (Li)	work with doctor on childrens liquid lithium + ATP	0.004	0.007- 0.020					
Phosphorus (P)		186	150- 220					
Selenium (Se)		0.90	0.70- 1.1					
Strontium (Sr)		0.28	0.37- 3.6					
Sulfur (S)		45100	44000- 51000					
Cobalt (Co)		0.003	0.005- 0.035					
Iron (Fe)		6.9	7.0- 16					
Germanium (Ge)		0.033	0.030- 0.040					
Rubidium (Rb)		0.13	0.008- 0.080					
Zirconium (Zr)		0.041	0.030- 0.40					

SPECIMEN DATA		RATIOS		
COMMENTS: Can use low dose extra B12 while adding liquid childrens lithium + ATP		ELEMENTS	RATIOS	RANGE
Date Collected:	Sample Size: 0.204 g	Ca/Mg	11.1	1- 30
Date Received: 10/06/2016	Sample Type: Head	Ca/P	2.02	1- 12
Date Completed: 10/10/2016	Hair Color: + ATP	Na/K	0.932	0.5- 10
Methodology: ICP/MS	Treatment: WITH YOUR OWN DOCTOR	Zn/Cu	15.8	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Defer to your doctor as always