



PATIENT: Number 613
 SEX: Male
 AGE: 1

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	8.6	< 8.0	
Antimony (Sb)	0.27	< 0.066	
Arsenic (As)	0.22	< 0.080	
Barium (Ba)	0.52	< 0.50	
Beryllium (Be)	0.013	< 0.020	
Bismuth (Bi)	0.070	< 2.0	
Cadmium (Cd)	0.14	< 0.070	
Lead (Pb)	13	< 1.0	
Mercury (Hg)	0.22	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.002	< 0.002	
Uranium (U)	0.002	< 0.060	
Nickel (Ni)	0.17	< 0.20	
Silver (Ag)	0.07	< 0.20	
Tin (Sn)	0.51	< 0.30	
Titanium (Ti)	0.61	< 1.0	
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)	239	125- 370			
Magnesium (Mg)	24	12- 30			
Sodium (Na)	220	20- 200			
Potassium (K)	280	12- 200			
Copper (Cu)	17	11- 18			
Zinc (Zn)	91	100- 190			
Manganese (Mn)	1.3	0.10- 0.50			
Chromium (Cr)	0.59	0.43- 0.80			
Vanadium (V)	0.078	0.030- 0.10			
Molybdenum (Mo)	0.097	0.050- 0.13			
Boron (B)	15	0.70- 5.0			
Iodine (I)	10	0.25- 1.3			
Lithium (Li)	0.011	0.007- 0.020			
Phosphorus (P)	172	150- 220			
Selenium (Se)	0.78	0.70- 1.1			
Strontium (Sr)	0.48	0.16- 1.0			
Sulfur (S)	48700	45500- 53000			
Cobalt (Co)	0.019	0.004- 0.020			
Iron (Fe)	22	7.0- 16			
Germanium (Ge)	0.034	0.030- 0.040			
Rubidium (Rb)	0.32	0.016- 0.18			
Zirconium (Zr)	0.17	0.040- 1.0			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 3/29/2012		Ca/Mg	9.96
Date Received: 4/2/2012		Ca/P	1.39
Date Completed: 4/8/2012		Na/K	0.786
Methodology: ICP/MS		Zn/Cu	5.35
Sample Size: 0.201 g		Zn/Cd	650
Sample Type: Head			
Hair Color:			
Treatment:			
Shampoo: Burts Bees			
		RANGE	
			4- 30
			0.8- 8
			0.5- 10
			4- 20
			> 800

Health history for hair test 631

1. What are your current symptoms and health history?

Lack of appetite. Head banging. Inability to settle down. Most always be distracted while eating. Cannot ever sit still. Fatigue. Struggles with constipation.

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

Nothing.

3. What dental work do you currently have in place? What part of the dental clean-up have you completed?

No dental work ever done.

4. What dentistry did your mother have at any time before or during pregnancy?

Mother has only had teeth cleaned.

5. What vaccinations have you had and when (including flu and especially travel shots)?

Tetanus while in uterus. Also, rhogam while in uterus.

6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?

None at the time of the hair test. Calcium for the 3-6 months before the sample was taken

7. What is your age, height and weight?

Age: 20months
Height: Around 2' 6"
Weight: 20lbs

8. Other information you feel may be relevant?

My son was born with things not being quite right. He never nursed well as he could not stand holding still and was only interested in eating enough to not feel hungry, but not enough to gain much weight. I could only nurse him in two positions while either jumping up and down or distracting him with bracelets on my arms. The exception sometimes was at night. Therefore while nursing, he did most of his feeding every 2 hours at night.

As an infant and to this day will not always indicate when he is hungry.

He has always been "squirrely." He cannot stand holding still at all. He even moves around a fair amount in his sleep. This has been helped some with chiropractic adjustment.

Constipation. Even on exclusive breast milk, he would become very, very constipated. This also has been help with chiropractic care, but is still a struggle.

Throwing up. Throws up about every other week to once a month. Usually not too concerning, but sometimes there does not seem to be a reason.

Low immunity. Whatever the family gets, he gets twice as long twice as bad. Also, he sometimes gets sick when no one else in the family “catches” it.

9. What is your location – city & country (so that we can learn where certain toxins are more prevalent).

Osseo, Wisconsin. USA