



PATIENT: Number 882  
 SEX: Female  
 AGE: 8

**Toxic & Essential Elements; Hair**

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	4.5	< 8.0	
Antimony (Sb)	0.021	< 0.066	
Arsenic (As)	0.040	< 0.060	
Barium (Ba)	0.29	< 1.5	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	1.7	< 2.0	
Cadmium (Cd)	< 0.009	< 0.070	
Lead (Pb)	0.26	< 0.80	
Mercury (Hg)	0.15	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.012	< 0.060	
Nickel (Ni)	0.08	< 0.30	
Silver (Ag)	0.25	< 0.18	
Tin (Sn)	0.15	< 0.30	
Titanium (Ti)	0.67	< 0.70	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS					
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 <sup>th</sup> 16 <sup>th</sup> 50 <sup>th</sup> 84 <sup>th</sup> 97.5 <sup>th</sup>		
Calcium (Ca)	297	250- 800			
Magnesium (Mg)	28	25- 90			
Sodium (Na)	8	18- 180			
Potassium (K)	< 3	10- 90			
Copper (Cu)	16	11- 37			
Zinc (Zn)	180	120- 220			
Manganese (Mn)	0.15	0.08- 0.60			
Chromium (Cr)	0.29	0.40- 0.65			
Vanadium (V)	0.021	0.025- 0.10			
Molybdenum (Mo)	0.051	0.030- 0.090			
Boron (B)	0.19	0.30- 1.7			
Iodine (I)	0.36	0.25- 1.3			
Lithium (Li)	< 0.004	0.007- 0.020			
Phosphorus (P)	143	150- 220			
Selenium (Se)	0.87	0.70- 1.1			
Strontium (Sr)	0.63	0.37- 3.6			
Sulfur (S)	49200	44000- 51000			
Cobalt (Co)	0.007	0.005- 0.035			
Iron (Fe)	11	7.0- 16			
Germanium (Ge)	0.023	0.030- 0.040			
Rubidium (Rb)	0.004	0.008- 0.080			
Zirconium (Zr)	0.075	0.030- 0.40			

SPECIMEN DATA		RATIOS	
<b>COMMENTS:</b>		<b>ELEMENTS</b>	<b>RATIOS</b>
Date Collected: 11/08/2013		Ca/Mg	10.6
Date Received: 11/15/2013		Ca/P	2.08
Date Completed: 11/16/2013		Na/K	2.67
Methodology: ICP/MS		Zn/Cu	11.3
Sample Size: 0.205 g		Zn/Cd	> 999
Sample Type: Head			
Hair Color: Brown			
Treatment:			
Shampoo: Jason Natural			
		<b>RANGE</b>	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

## Health history for hair test 882

1. **What are your current symptoms and health history?** Severe behavioral problems, yeast, sleeping trouble, anger, cant focus, impulsiveness stomach aches.
2. **Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)** Has one amalgam in her mouth, 3 extractions
3. **What dental work do you currently have in place? What part of the dental clean-up have you completed?** Still has amalgam in her mouth. After seeing test am immediately trying to find a way to remove it safely.
4. **What dentistry did your mother have at any time before or during pregnancy?** No dental work.
5. **What vaccinations have you had and when (including flu and especially travel shots)?** All required vaccines, flu shot, MMR, dtp, etc
6. **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?** probiotics, childrens chewable multiple by kirkmans, omega 3 chewable
7. **What is your age, height and weight?** 8 yrs old, 50 pounds, not sure exact height
8. **Other information you feel may be relevant?** She also has a 4 yr old sister with autism and we are doing Andys protocol. Her hair test # is 735. My daughter didnt have any behavior problems until around 18 months although she had a 7 day hospital stay after her 12 month vaccines. She had 2 seizures, high fever. She started hitting us, wouldnt let us hug her and still doesnt, refuses to wear jeans cause they bother her, bedwets on occasion, had an amalgam put in at 3 yrs old. I didnt know they were putting it in till she came out with a huge silver looking thing in the back of her mouth. She has major behavior issues and daily gives all of our family much, much hardship and its getting worse. Routinely hits her 5 yr old sister, throws things at us, screams and yells all day, refuses to do schoolwork, addicted to sugar, swears etc. I couldnt understand why she had such trouble but after seeing her test i feel i may have figured it out.
9. **What is your location – city & country (so that we can learn where certain toxins are more prevalent).** Trenton, Mi USA