



PATIENT: Number 870
 SEX: Male
 AGE: 6

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	7.5	< 8.0	
Antimony (Sb)	0.035	< 0.066	
Arsenic (As)	0.043	< 0.080	
Barium (Ba)	0.15	< 0.75	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	1.3	< 2.0	
Cadmium (Cd)	0.015	< 0.070	
Lead (Pb)	0.34	< 1.0	
Mercury (Hg)	0.09	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.001	< 0.002	
Uranium (U)	0.004	< 0.060	
Nickel (Ni)	0.16	< 0.20	
Silver (Ag)	0.05	< 0.14	
Tin (Sn)	0.08	< 0.30	
Titanium (Ti)	0.40	< 0.70	
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)	188	160- 500			
Magnesium (Mg)	9	12- 50			
Sodium (Na)	20	20- 200			
Potassium (K)	11	12- 140			
Copper (Cu)	9.6	11- 32			
Zinc (Zn)	160	110- 190			
Manganese (Mn)	0.13	0.08- 0.50			
Chromium (Cr)	0.42	0.40- 0.70			
Vanadium (V)	0.042	0.025- 0.10			
Molybdenum (Mo)	0.030	0.040- 0.090			
Boron (B)	0.58	0.50- 3.5			
Iodine (I)	0.22	0.25- 1.3			
Lithium (Li)	0.008	0.007- 0.020			
Phosphorus (P)	146	150- 220			
Selenium (Se)	0.46	0.70- 1.1			
Strontium (Sr)	0.23	0.21- 2.1			
Sulfur (S)	45300	44000- 51000			
Cobalt (Co)	0.015	0.004- 0.020			
Iron (Fe)	12	7.0- 16			
Germanium (Ge)	0.036	0.030- 0.040			
Rubidium (Rb)	0.013	0.008- 0.080			
Zirconium (Zr)	0.27	0.060- 0.70			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 09/27/2013	Sample Size: 0.199 g	Ca/Mg	20.9	4- 30
Date Received: 10/05/2013	Sample Type: Head	Ca/P	1.29	0.8- 8
Date Completed: 10/08/2013	Hair Color: Blond	Na/K	1.82	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	16.7	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Health history for hair test 870

1.What are your current symptoms and health history?

My 6yr son has autism. His main deficit is interaction, the other deficits include speech and cognition

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

No history, he never had any problems with his milk teeth

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

See above

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

My son's mom had a few amalgamates in her teeth done several years before getting pregnant

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

All of the required ones in Poland, nothing extra

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

Nothing taken at the time of hair test. 3-6 months before the test: probiotics, Super Nu-Thera

7.What is your age, height and weight?

Age: 6 yrs, height: 1.3m, weight: 21 kgs

8.Other information you feel may be relevant?

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

Poland