



PATIENT: Number 785  
 SEX: Male  
 AGE: 7

## Toxic & Essential Elements; Hair

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)		2.4	< 8.0	
Antimony (Sb)		0.018	< 0.066	
Arsenic (As)		0.063	< 0.080	
Barium (Ba)		0.05	< 0.75	
Beryllium (Be)		< 0.01	< 0.020	
Bismuth (Bi)		0.012	< 2.0	
Cadmium (Cd)		< 0.009	< 0.070	
Lead (Pb)		0.04	< 1.0	
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)		0.018	< 0.060	
Nickel (Ni)		0.03	< 0.20	
Silver (Ag)		0.10	< 0.14	
Tin (Sn)		0.07	< 0.30	
Titanium (Ti)		0.38	< 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)		271	160- 500		
Magnesium (Mg)		26	12- 50		
Sodium (Na)		320	20- 200		
Potassium (K)		290	12- 140		
Copper (Cu)		8.5	11- 32		
Zinc (Zn)		180	110- 190		
Manganese (Mn)		0.64	0.08- 0.50		
Chromium (Cr)		0.47	0.40- 0.70		
Vanadium (V)		0.049	0.025- 0.10		
Molybdenum (Mo)		0.033	0.040- 0.090		
Boron (B)		2.6	0.50- 3.5		
Iodine (I)		8.8	0.25- 1.3		
Lithium (Li)		< 0.004	0.007- 0.020		
Phosphorus (P)		156	150- 220		
Selenium (Se)		0.67	0.70- 1.1		
Strontium (Sr)		0.16	0.21- 2.1		
Sulfur (S)		47700	44000- 51000		
Cobalt (Co)		0.004	0.004- 0.020		
Iron (Fe)		6.0	7.0- 16		
Germanium (Ge)		0.032	0.030- 0.040		
Rubidium (Rb)		0.28	0.008- 0.080		
Zirconium (Zr)		0.46	0.060- 0.70		

SPECIMEN DATA		RATIOS		
<b>COMMENTS:</b>		ELEMENTS	RATIOS	RANGE
Date Collected: 05/05/2013	Sample Size: 0.201 g	Ca/Mg	10.4	4- 30
Date Received: 05/21/2013	Sample Type: Head	Ca/P	1.74	0.8- 8
Date Completed: 05/27/2013	Hair Color: Brown	Na/K	1.1	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	21.2	4- 20
	Shampoo: Burts Bees	Zn/Cd	> 999	> 800

## **Health history for hair test 785**

1. What are your current symptoms and health history?

ADHD, Vitiligo, bed wetting, chronic fatigue

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

Two root canals with with 3M stainless steel crowns on both teethes. Twelve fillings. Two years ago. He started to develop Vitiligo 6 months after it.

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

Two 3M stainless steel crowns. Dentist told us no mercury was used under it.

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

Two fillings during pregnancy. No amalgam history known.

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

All standard plan. At age of two months after DPT vaccine started with convulsions, followed by development problems of all kinds.

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

7. What is your age, height and weight?

Almost 8 y.o., 120 cm, 25kg

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).

Tel-Aviv, Israel 0 to 5 years after it Toronto, Canada.