



PATIENT: Number 768
 SEX: Male
 AGE: 28

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	3.9	< 7.0	
Antimony (Sb)	< 0.01	< 0.066	
Arsenic (As)	0.033	< 0.080	
Barium (Ba)	4.6	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.004	< 2.0	
Cadmium (Cd)	0.036	< 0.065	
Lead (Pb)	0.66	< 0.80	
Mercury (Hg)	0.08	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.097	< 0.060	
Nickel (Ni)	0.24	< 0.20	
Silver (Ag)	0.03	< 0.08	
Tin (Sn)	0.04	< 0.30	
Titanium (Ti)	0.42	< 0.60	
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)	1120	200- 750			
Magnesium (Mg)	92	25- 75			
Sodium (Na)	38	20- 180			
Potassium (K)	11	9- 80			
Copper (Cu)	8.8	11- 30			
Zinc (Zn)	420	130- 200			
Manganese (Mn)	0.23	0.08- 0.50			
Chromium (Cr)	0.27	0.40- 0.70			
Vanadium (V)	0.11	0.018- 0.065			
Molybdenum (Mo)	0.031	0.025- 0.060			
Boron (B)	0.52	0.40- 3.0			
Iodine (I)	23	0.25- 1.8			
Lithium (Li)	0.005	0.007- 0.020			
Phosphorus (P)	179	150- 220			
Selenium (Se)	0.47	0.70- 1.2			
Strontium (Sr)	5.4	0.30- 3.5			
Sulfur (S)	46200	44000- 50000			
Cobalt (Co)	0.010	0.004- 0.020			
Iron (Fe)	8.8	7.0- 16			
Germanium (Ge)	0.027	0.030- 0.040			
Rubidium (Rb)	0.018	0.011- 0.12			
Zirconium (Zr)	0.11	0.020- 0.44			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 04/18/2013	Sample Size: 0.199 g	Ca/Mg	12.2
Date Received: 04/22/2013	Sample Type: Head	Ca/P	6.26
Date Completed: 04/27/2013	Hair Color: Black	Na/K	3.45
Methodology: ICP/MS	Treatment:	Zn/Cu	47.7
	Shampoo: Hs	Zn/Cd	> 999
		RANGE	
			4- 30
			0.8- 8
			0.5- 10
			4- 20
			> 800

Health history for hair test 768

1. What are your current symptoms and health history?

Brain fog, chronic back pain, tinnitus, intestinal and stomach pain, blood os stools, cold hand and feet, sensitivity to chemicals (like cleaning products and strong perfumes), lazy eye, depression.

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

4 molars extracted around the age of 12. One root canal that went wrong and ended in loss of the tooth. I had braces from 12/13 till 15/16. I have two amalgams which where placed at the same time, around the time I turned 16.

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

I still have my 2 amalgams but I'll have them removed in August, when I travel to the US on vacation.

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

No idea.

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

I have had the flu vaccine around 2001.

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

Pregabalin (for back pain), meprednisone and iodine (for tomography study), antibiotics, gastric reflux medication, ginkgo biloba (for tinnitus).

7. What is your age, height and weight?

28, 5,9 and 155 lbs

8. Other information you feel may be relevant?

Not really.

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

Buenos Aires, Argentina.