



PATIENT: Number 748
SEX: Male
AGE: 48

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	5.3	< 7.0	
Antimony (Sb)	0.020	< 0.066	
Arsenic (As)	0.055	< 0.080	
Barium (Ba)	0.27	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.024	< 2.0	
Cadmium (Cd)	0.028	< 0.065	
Lead (Pb)	0.61	< 0.80	
Mercury (Hg)	0.53	< 0.80	
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)	0.08	< 0.20	
Silver (Ag)	0.04	< 0.08	
Tin (Sn)	0.11	< 0.30	
Titanium (Ti)	0.22	< 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)	240	200- 750			
Magnesium (Mg)	45	25- 75			
Sodium (Na)	34	20- 180			
Potassium (K)	46	9- 80			
Copper (Cu)	14	11- 30			
Zinc (Zn)	210	130- 200			
Manganese (Mn)	0.07	0.08- 0.50			
Chromium (Cr)	0.54	0.40- 0.70			
Vanadium (V)	0.048	0.018- 0.065			
Molybdenum (Mo)	0.032	0.025- 0.060			
Boron (B)	2.0	0.40- 3.0			
Iodine (I)	1.3	0.25- 1.8			
Lithium (Li)	0.11	0.007- 0.020			
Phosphorus (P)	190	150- 220			
Selenium (Se)	1.3	0.70- 1.2			
Strontium (Sr)	0.51	0.30- 3.5			
Sulfur (S)	50100	44000- 50000			
Cobalt (Co)	0.003	0.004- 0.020			
Iron (Fe)	6.4	7.0- 16			
Germanium (Ge)	0.026	0.030- 0.040			
Rubidium (Rb)	0.042	0.011- 0.12			
Zirconium (Zr)	0.90	0.020- 0.44			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 03/13/2013	Sample Size: 0.195 g	Ca/Mg	5.33	4- 30
Date Received: 03/21/2013	Sample Type: Head	Ca/P	1.26	0.8- 8
Date Completed: 03/24/2013	Hair Color: Black	Na/K	0.739	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	15	4- 20
	Shampoo: Organic	Zn/Cd	> 999	> 800

Health history for hair test 748

1. What are your current symptoms and health history?

low stress threshold, oral thrush, bloating, anxiety, insomnia, obsessive thoughts, brain fog

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

13 or so Amalgams removed in 2010, 1 root canal in 70's one in 2011

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

removed 13 Amalgams using proper protocol, one metal capped tooth soon to be removed

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

some amalgams

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

various flu shots over the years

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

Lithium, Vit C, Zinc (100mg) multi vitamin, Ginseng, DHEA (5mg) Pregnenolone (50mg) Syntol (anti yeast)

7. What is your age, height and weight?

48, 6 foot, 78 kg

8. Other information you feel may be relevant?

I played with mercury in a science class in the 1970s, I have done 86 rounds of cutler chelation, 30mg of ALA every 2 hrs, 30mg DSMA once a month (with ALA) went thru mercury dump phase at 12 months and could barely tolerate any chelator.

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

Melbourne, Australia