



PATIENT: Number 625  
 SEX: Male  
 AGE: 39

## Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	8.3	< 7.0	
Antimony (Sb)	0.034	< 0.066	
Arsenic (As)	0.059	< 0.080	
Barium (Ba)	0.13	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.012	< 2.0	
Cadmium (Cd)	0.017	< 0.065	
Lead (Pb)	0.48	< 0.80	
Mercury (Hg)	0.82	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.009	< 0.060	
Nickel (Ni)	0.23	< 0.20	
Silver (Ag)	0.25	< 0.08	
Tin (Sn)	0.30	< 0.30	
Titanium (Ti)	0.18	< 0.60	
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)	176	200- 750			
Magnesium (Mg)	10	25- 75			
Sodium (Na)	140	20- 180			
Potassium (K)	310	9- 80			
Copper (Cu)	11	11- 30			
Zinc (Zn)	100	130- 200			
Manganese (Mn)	0.25	0.08- 0.50			
Chromium (Cr)	0.52	0.40- 0.70			
Vanadium (V)	0.11	0.018- 0.065			
Molybdenum (Mo)	0.043	0.025- 0.060			
Boron (B)	1.8	0.40- 3.0			
Iodine (I)	1.7	0.25- 1.8			
Lithium (Li)	0.015	0.007- 0.020			
Phosphorus (P)	180	150- 220			
Selenium (Se)	0.60	0.70- 1.2			
Strontium (Sr)	0.28	0.30- 3.5			
Sulfur (S)	48400	44000- 50000			
Cobalt (Co)	0.006	0.004- 0.020			
Iron (Fe)	37	7.0- 16			
Germanium (Ge)	0.034	0.030- 0.040			
Rubidium (Rb)	0.48	0.011- 0.12			
Zirconium (Zr)	0.18	0.020- 0.44			

SPECIMEN DATA		RATIOS	
<b>COMMENTS:</b>		<b>ELEMENTS</b>	<b>RATIOS</b>
Date Collected: 3/20/2012		Ca/Mg	17.6
Date Received: 4/7/2012		Ca/P	0.978
Date Completed: 4/13/2012		Na/K	0.452
Methodology: ICP/MS		Zn/Cu	9.09
Sample Size: 0.2 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: Natures Gate			
		<b>RANGE</b>	
		4- 30	
		0.8- 8	
		0.5- 10	
		4- 20	
		> 800	

## **Health history for hair test 625**

- 1. What are your current symptoms and health history?**
  - Overall health was good until 15 years ago. From that time, steady degradation in neurological / cognitive / emotional / memory (forgot to write that). This year energy is declining.
- 2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)**
  - Many cavities as a child. At least 4 "big" amalgam fillings on molars. All done before age 10. Braces as a teenager (metal type). All wisdom teeth out around age 20. One impacted, infected with abscess (twice).
- 3. What dental work do you currently have in place? What part of the dental clean-up have you completed?**
  - All completed. Cavities filled with composite, amalgams removed and replaced with zirconium onlays. No other dental work in place.
- 4. What dentistry did your mother have at any time before or during pregnancy?**
  - Unknown. Likely had amalgam fillings before.
- 5. What vaccinations have you had and when (including flu and especially travel shots)?**
  - Have had many flu shots, anthrax, typhoid. US military vaccinations (don't remember them all) plus "standard" vaccinations for kids in the 1970s / 1980s. My parents would have given me what the world said was ok. They were very mainstream.
- 6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?**
  - No medicines.
  - Supplements - multivitamins like Centrum 1x per day, Lecithin 1g per day, Co12 liquid, probiotics. Did not start serious supplementation until after the hair test.
- 7. What is your age, height and weight?**
  - 39 yo, 6', 190 lbs
- 8. Other information you feel may be relevant?**
  - Was in the US military overseas exposed to who knows what (1991-1996)
  - Worked as a government contractor and crawled through the ceilings of many buildings, exposed to who knows what. (1997-1998)
  - In the month prior to hair test did bowel, liver and kidney cleanses. Lost 25 lbs.
  - At the same time eliminated most toxins from diet. Switched to whole, natural foods. Reduced / eliminated meats and switched to fish. Changed soap, toothpaste, shampoo.
  - Do not smoke. Drink moderately.
  - Used to exercise, but now exercise results in being wiped out the rest of the day.
  - Own both Andy's books AI and HTI.
  - Have a supply of DMSA
  - Currently on day 3 of first round of chelation (DMSA only 25 mg)
- 9. What is your location – city & country (so that we can learn where certain toxins are more prevalent).**
  - Quezon City, Philippines since 2005. Before that lived in South Korea from 1993-2005.