

HAIR ELEMENTS



PATIENT: Number 458
SEX: Female
AGE: 35
LOCATION: Phoenix, Arizona USA

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	13	< 7.0		
Antimony	0.010	< 0.050		
Arsenic	0.035	< 0.060		
Barium	1.2	< 2.0		
Beryllium	0.010	< 0.020		
Bismuth	0.040	< 2.0		
Cadmium	0.024	< 0.050		
Lead	0.15	< 0.60		
Mercury	0.94	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.45	< 0.060		
Nickel	0.14	< 0.30		
Silver	0.02	< 0.15		
Tin	0.23	< 0.30		
Titanium	0.82	< 0.70		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS							
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	606	300- 1200					
Magnesium	180	35- 120					
Sodium	120	20- 250					
Potassium	16	8- 75					
Copper	37	11- 37					
Zinc	190	140- 220					
Manganese	0.13	0.08- 0.60					
Chromium	0.41	0.40- 0.65					
Vanadium	0.041	0.018- 0.065					
Molybdenum	0.062	0.020- 0.050					
Boron	0.79	0.25- 1.5					
Iodine	0.39	0.25- 1.8					
Lithium	0.046	0.007- 0.020					
Phosphorus	196	150- 220					
Selenium	0.97	0.55- 1.1					
Strontium	5.7	0.50- 7.6					
Sulfur	44500	44000- 50000					
Cobalt	0.013	0.005- 0.040					
Iron	15	7.0- 16					
Germanium	0.038	0.030- 0.040					
Rubidium	0.024	0.007- 0.096					
Zirconium	0.044	0.020- 0.42					

SPECIMEN DATA			RATIOS		
COMMENTS:			ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 11/28/2010	Sample Size: 0.2 g		Ca/Mg	3.37	4- 30
Date Received: 12/13/2010	Sample Type: Head		Ca/P	3.09	1- 12
Date Completed: 12/15/2010	Hair Color: Brown		Na/K	7.5	0.5- 10
Client Reference: 1251636	Treatment:		Zn/Cu	5.14	4- 20
Methodology: ICP-MS	Shampoo: Aveda		Zn/Cd	> 999	> 800

V010.08

Health history for hair test 458

1. **What are your current symptoms and health history?** After unsafe amalgam removal in august of 2010 I became acutely ill. I felt like my brain was on fire, dizzy, nauseous, massive brain fog, fatigue, lack of motivation. Damaged my adrenals, blood sugar levels unstable, low progesterone. Brain fog, susceptibility to all of the germs my kindergartner brings home (illness always goes right to ears and throat,) frequent head pains, irritable, quick to anger, difficulty concentrating, heart palpitations have started to subside with dry sauna use. Prior to amalgam removal unable to wear platinum wedding ring without skin getting burned in that location.
2. **Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)** wisdom teeth removed in 92 (cavitations present in all 4 sites), 4 canines extracted in like 83, one root canal remaining (saving up for both surgeries right now), braces for 3 years from 87-90, many amalgams from early 80's with replacement to composite happending over the past 20 years with the last 3 resulting in illness onset when removed unsafely.
3. **What dental work do you currently have in place? What part of the dental clean-up have you completed?** I am preparing to have the root canal extracted and two of the cavitations cleaned out. Unsure of whether there is any amalgam remaining in root canal... all other amalgams out.
4. **What dentistry did your mother have at any time before or during pregnancy?** Mouth full of amalgams.
5. **What vaccinations have you had and when (including flu and especially travel shots)?** All childhood shots with tetanus boosters and two rhogham shots over two pregnancies. The second shot was a massive dose due to physician error in the removal of my placenta. No flu or travel shots.
6. **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?** 5000 iu D3, 1500 mg magnesium, 100 mg zinc, 6000mg c, selenium, milk thistle 250mg, probiotics, 3g fish oil, Bcomplex,
7. **What is your age, height and weight?** 35, 5'5" and 135.
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).** Phoenix, Arizona USA