



PATIENT: Number 520  
 SEX: Female  
 AGE: 51  
 LOCATION: Gresham/USA

*Toxic & Essential Elements; Hair*

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	4.1	< 12	
Antimony (Sb)	< 0.01	< 0.060	
Arsenic (As)	0.054	< 0.090	
Barium (Ba)	0.27	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.019	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	0.07	< 1.0	
Mercury (Hg)	0.15	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.008	< 0.060	
Nickel (Ni)	0.03	< 0.40	
Silver (Ag)	0.03	< 0.10	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.33	< 1.3	
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)	473	475- 1500	
Magnesium (Mg)	56	45- 180	
Sodium (Na)	100	80- 450	
Potassium (K)	38	28- 160	
Copper (Cu)	15	11- 30	
Zinc (Zn)	160	130- 200	
Manganese (Mn)	0.62	0.15- 0.65	
Chromium (Cr)	0.35	0.40- 0.65	
Vanadium (V)	0.035	0.018- 0.065	
Molybdenum (Mo)	0.030	0.040- 0.10	
Boron (B)	0.51	0.40- 4.0	
Iodine (I)	0.56	0.25- 1.8	
Lithium (Li)	< 0.004	0.008- 0.030	
Phosphorus (P)	227	250- 500	
Selenium (Se)	1.2	0.80- 1.3	
Strontium (Sr)	1.2	1.0- 8.0	
Sulfur (S)	42400	42000- 48000	
Cobalt (Co)	0.007	0.006- 0.035	
Iron (Fe)	6.7	7.0- 16	
Germanium (Ge)	0.028	0.030- 0.040	
Rubidium (Rb)	0.040	0.030- 0.25	
Zirconium (Zr)	0.15	0.040- 1.0	

SPECIMEN DATA		RATIOS	
<b>COMMENTS:</b>		<b>ELEMENTS</b>	<b>RATIOS</b>
Date Collected: 9/6/2011		Ca/Mg	8.45
Date Received: 9/8/2011		Ca/P	2.08
Date Completed: 9/16/2011		Na/K	2.63
Methodology: ICP/MS		Zn/Cu	10.7
Sample Size: 0.202 g	Sample Type: Pubic	Zn/Cd	> 999
Hair Color:	Treatment:		
Shampoo: V05			
		<b>RANGE</b>	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

## Health history for hair test 520

1) **What are your current symptoms and health history?** Blurred Vision, TMJ, Fibromyalgia, Degenerative disc disease, SI disfunction, Raynauds syndrome, mental confusion, lethargy, teeth atpping, tremors, body pain, joint pain, swollen head feeling, gut and throat burning, malanutrition, immunity issues (harbor bacteria), cold hands and feet, heat and cold intolerances, gain weight easily, heel pain, memory issues, depression, dont sweat, gums bleed, grow lumps on skin that come and go, fertility issues, problems giving birth, fatigue, etc.

2) **Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam**

**etc...)** Wisdom teeth removed at age 14. First root canal at age 11...33 small amalgams placed at age 9. Lots of dental work through out the years. Amalgams replaced without protection.

3) **What dental work do you currently have in place? What part of the dental cleanup have you**

**completed?** I have two bridges, four crowns, eight amalgams and one upper partial. I have had a complete dental revision on July 4th, 2011; all metal is out and all root canaled teeth and wisdom teeth have been cavitated. Materials are all Bioidentical and matched to me through testing.

4) **What dentistry did your mother have at any time before or during pregnancy?** Mother had full upper dentures at age 16, lower partial, one all gold tooth.

5) **What vaccinations have you had and when (including flu and especially travel shots)?** Four flu shots, two Pneumonia shots, several Tentanus shots, all childhood vaccinations, Hep. B series shots.

6) **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6**

**months before the sample was taken.** 800mg. Vit.E, 800mg. Magnesium Citrate, two Milk Thistle capsules, 50mg. Zinc, 200mg. Selenium, 1000mg. Liposomal Vit. C, Bi Est Hormone cream, 120mg. Progesterone, four capsules PB Probiotics, 50mg.Molylebnum,

7) **Other information you feel may be relevant?**

8) **What is your location - city & country (so that we can learn where certain toxins are more**

**prevalent)** Gresham/USA