



PATIENT: Number 531  
 SEX: Female  
 AGE: 36

### Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	2.6	< 12	
Antimony (Sb)	0.011	< 0.060	
Arsenic (As)	0.22	< 0.090	
Barium (Ba)	0.54	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.082	< 2.0	
Cadmium (Cd)	0.024	< 0.050	
Lead (Pb)	0.44	< 1.0	
Mercury (Hg)	0.35	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.001	< 0.002	
Uranium (U)	0.010	< 0.060	
Nickel (Ni)	0.08	< 0.40	
Silver (Ag)	1.3	< 0.10	
Tin (Sn)	0.07	< 0.30	
Titanium (Ti)	0.56	< 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)	434	475- 1500	
Magnesium (Mg)	28	45- 180	
Sodium (Na)	75	80- 450	
Potassium (K)	130	28- 160	
Copper (Cu)	14	11- 30	
Zinc (Zn)	220	130- 200	
Manganese (Mn)	0.09	0.15- 0.65	
Chromium (Cr)	0.39	0.40- 0.65	
Vanadium (V)	0.027	0.018- 0.065	
Molybdenum (Mo)	0.029	0.040- 0.10	
Boron (B)	1.4	0.40- 4.0	
Iodine (I)	0.39	0.25- 1.8	
Lithium (Li)	0.013	0.008- 0.030	
Phosphorus (P)	232	250- 500	
Selenium (Se)	0.81	0.80- 1.3	
Strontium (Sr)	1.5	1.0- 8.0	
Sulfur (S)	47500	42000- 48000	
Cobalt (Co)	0.026	0.006- 0.035	
Iron (Fe)	9.9	7.0- 16	
Germanium (Ge)	0.032	0.030- 0.040	
Rubidium (Rb)	0.089	0.030- 0.25	
Zirconium (Zr)	0.054	0.040- 1.0	

SPECIMEN DATA		RATIOS	
<b>COMMENTS:</b>		<b>ELEMENTS</b>	<b>RATIOS</b>
Date Collected: 9/30/2011		Ca/Mg	15.5
Date Received: 10/4/2011		Ca/P	1.87
Date Completed: 10/6/2011		Na/K	0.577
Methodology: ICP/MS		Zn/Cu	15.7
Sample Size: 0.165 g	Sample Type: Pubic	Zn/Cd	> 999
Hair Color:	Treatment:		
Shampoo:			
		<b>RANGE</b>	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

## Health history for hair test 531

1. As an teenager I had belly pain, food intolerances, headaches, amenorrhea, headaches started to become chronic age 22, brain fog, and nerve pain head back and sometimes face, blurry vision, vaginal infection, sore throat, acne, tiredness, hair loss. At age 26 about 20 amalgams removed did take a litte bit of chlorela, did not get much better, besides the facial nerve pain around the mouth and the metallic taste in the mouth. I gave up on the doctors went on with my life, it went worth, headaches so bad..... hypoglycemia, leaky gut, low stomach acid, candida, dizziness, bad sleep, tired, ear aches, really bad hair loss, nerve pain going down my back arms, and sometimes all left side of my body, hip pain, low blood pressure, cold hands and feet, chronic infection, short term memory loss, weight loss.
2. About 20 amalgams from age 7 to 25, 3 wisdom teeth removed.
3. All amalgams have been removed age 26.
4. Many amalgams, root canals and crowns.
5. The childhood vaccination
6. Probiotics, enzymes, magnesium, selenium, HCL, zeolite, complex B, calcium, chromium, C, fish oil,
7. 36, 1m65, 48kg
8. I lived 2 years in Abadiana Brasil, since July back in Neyruz Switzerland