



PATIENT: Number 755
 SEX: Female
 AGE: 23

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	3.3	< 7.0	
Antimony (Sb)	< 0.01	< 0.050	
Arsenic (As)	0.035	< 0.060	
Barium (Ba)	1.2	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.023	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	0.09	< 0.60	
Mercury (Hg)	0.28	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.051	< 0.060	
Nickel (Ni)	0.08	< 0.30	
Silver (Ag)	0.02	< 0.15	
Tin (Sn)	0.12	< 0.30	
Titanium (Ti)	0.41	< 0.70	
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)	844	300- 1200			
Magnesium (Mg)	56	35- 120			
Sodium (Na)	22	20- 250			
Potassium (K)	9	8- 75			
Copper (Cu)	11	11- 37			
Zinc (Zn)	400	140- 220			
Manganese (Mn)	0.09	0.08- 0.60			
Chromium (Cr)	0.32	0.40- 0.65			
Vanadium (V)	0.047	0.018- 0.065			
Molybdenum (Mo)	0.038	0.020- 0.050			
Boron (B)	0.55	0.25- 1.5			
Iodine (I)	9.4	0.25- 1.8			
Lithium (Li)	0.004	0.007- 0.020			
Phosphorus (P)	151	150- 220			
Selenium (Se)	0.81	0.55- 1.1			
Strontium (Sr)	3.7	0.50- 7.6			
Sulfur (S)	47300	44000- 50000			
Cobalt (Co)	0.005	0.005- 0.040			
Iron (Fe)	8.4	7.0- 16			
Germanium (Ge)	0.024	0.030- 0.040			
Rubidium (Rb)	0.009	0.007- 0.096			
Zirconium (Zr)	0.31	0.020- 0.42			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 04/03/2013	Sample Size: 0.199 g	Ca/Mg	15.1	4- 30
Date Received: 04/05/2013	Sample Type: Head	Ca/P	5.59	1- 12
Date Completed: 04/06/2013	Hair Color: Brown	Na/K	2.44	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	36.4	4- 20
	Shampoo: Hs	Zn/Cd	> 999	> 800

Health history for hair test 755

1. my symptoms include chronic fatigue, severe depression, severe anxiety, tremors, irritability, lack of concentration, vision impairment, hearing impairment, attention deficit symptoms, nausea, some irritable bowel issues etc.

I'm also nursing my 1 year old son

2. Have 6 silver amalgams still in place i have had them for 5 years maybe longer, have had wisdom teeth removed.

3. currently still have amalgams, as of now i dont have dental at all

4. not sure about mothers dentistry

5. have had every vaccine multiple times due to military in flu shot, anthrax etc all of them

6. been taking prenats off and on.

7. Im 21, 5'4" and weigh 105

8. I have a vegetarian diet including grains, oats, all fruits and vegetables

9. Im in texas US

1.