



PATIENT: Number 926
SEX: Female
AGE: 52

Toxic & Essential Elements; Hair

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)		2.7	< 12	
Antimony (Sb)		0.036	< 0.060	
Arsenic (As)		0.074	< 0.090	
Barium (Ba)		0.40	< 2.0	
Beryllium (Be)		< 0.01	< 0.020	
Bismuth (Bi)		0.036	< 2.0	
Cadmium (Cd)		< 0.009	< 0.050	
Lead (Pb)		0.16	< 1.0	
Mercury (Hg)		0.48	< 0.80	
Platinum (Pt)		< 0.003	< 0.005	
Thallium (Tl)		< 0.001	< 0.002	
Thorium (Th)		< 0.001	< 0.002	
Uranium (U)		0.012	< 0.060	
Nickel (Ni)		0.06	< 0.40	
Silver (Ag)		< 0.006	< 0.10	
Tin (Sn)		0.06	< 0.30	
Titanium (Ti)		0.51	< 1.3	
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)		912	475- 1500	
Magnesium (Mg)		96	45- 180	
Sodium (Na)		140	80- 450	
Potassium (K)		110	28- 160	
Copper (Cu)		9.1	11- 30	
Zinc (Zn)		140	130- 200	
Manganese (Mn)		0.09	0.15- 0.65	
Chromium (Cr)		0.72	0.40- 0.65	
Vanadium (V)		0.009	0.018- 0.065	
Molybdenum (Mo)		0.047	0.040- 0.10	
Boron (B)		1.9	0.40- 4.0	
Iodine (I)		0.33	0.25- 1.8	
Lithium (Li)		0.009	0.008- 0.030	
Phosphorus (P)		281	250- 500	
Selenium (Se)		0.88	0.80- 1.3	
Strontium (Sr)		1.5	1.0- 8.0	
Sulfur (S)		43200	42000- 48000	
Cobalt (Co)		0.006	0.006- 0.035	
Iron (Fe)		9.6	7.0- 16	
Germanium (Ge)		0.031	0.030- 0.040	
Rubidium (Rb)		0.084	0.030- 0.25	
Zirconium (Zr)		0.016	0.040- 1.0	

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 02/06/2014		Ca/Mg	9.5	4- 30
Date Received: 02/10/2014		Ca/P	3.25	1- 12
Date Completed: 02/12/2014		Na/K	1.27	0.5- 10
Methodology: ICP/MS		Zn/Cu	15.4	4- 20
Sample Size: 0.198 g		Zn/Cd	> 999	> 800
Sample Type: Pubic				
Hair Color: Black				
Treatment:				
Shampoo:				

Health history for hair test 926

1) What are your current symptoms and health history?

Has had ADHD since young, I don't remember when I started. 5 Years ago, My ADHD get worse. A lot anxiety, food sensitivity. Lose a lot hair. Seem thyroid is ok.

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

No any dental work at all.

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

None

4) What dentistry did your mother have at any time before or during pregnancy?

None

5) What vaccinations have you had and when (including flu and especially travel shots)?

I may have vaccinations when i was a little, but I was in China.

6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken.

Multiple vitamin and chinese herb for hormon.

7) Other information you feel may be relevant?

Low progesterone,estradiol. High DHEA-S (saliva: 37.1ng/ml; ref range:2-23)

my sister has high mercury,lead... toxin as well.

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

Have been living in Michigan for 10 years.