



HAIR TEST 1024
SEX: Female
AGE: 26

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	4.2	< 7.0	
Antimony (Sb)	0.013	< 0.050	
Arsenic (As)	0.057	< 0.060	
Barium (Ba)	0.21	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.005	< 2.0	
Cadmium (Cd)	0.015	< 0.050	
Lead (Pb)	0.11	< 0.60	
Mercury (Hg)	2.0	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.18	< 0.060	
Nickel (Ni)	0.05	< 0.30	
Silver (Ag)	0.05	< 0.15	
Tin (Sn)	0.18	< 0.30	
Titanium (Ti)	0.28	< 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)	626	300- 1200	
Magnesium (Mg)	110	35- 120	
Sodium (Na)	17	20- 250	
Potassium (K)	< 3	8- 75	
Copper (Cu)	33	11- 37	
Zinc (Zn)	170	140- 220	
Manganese (Mn)	2.0	0.08- 0.60	
Chromium (Cr)	0.33	0.40- 0.65	
Vanadium (V)	0.085	0.018- 0.065	
Molybdenum (Mo)	0.029	0.020- 0.050	
Boron (B)	0.92	0.25- 1.5	
Iodine (I)	0.43	0.25- 1.8	
Lithium (Li)	< 0.004	0.007- 0.020	
Phosphorus (P)	116	150- 220	
Selenium (Se)	0.83	0.55- 1.1	
Strontium (Sr)	4.2	0.50- 7.6	
Sulfur (S)	48100	44000- 50000	
Cobalt (Co)	0.007	0.005- 0.040	
Iron (Fe)	6.1	7.0- 16	
Germanium (Ge)	0.028	0.030- 0.040	
Rubidium (Rb)	0.003	0.007- 0.096	
Zirconium (Zr)	0.27	0.020- 0.42	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 09/07/2015	Sample Size: 0.104 g	Ca/Mg	5.69
Date Received: 09/11/2015	Sample Type: Head	Ca/P	5.4
Date Completed: 09/17/2015	Hair Color: Brown	Na/K	5.67
Methodology: ICP/MS	Treatment:	Zn/Cu	5.15
	Shampoo: Suave	Zn/Cd	> 999
		RANGE	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

Health history for hair test 1024

1) What are your current symptoms and health history?

Anxiety, depression, social anxiety, shyness, depersonalization, feeling disconnected from everyone including myself, unexplained phobias/panic such as airplane travel, horrible short term and long term memory, low energy, PMS, menstrual cramps, loose stools all the time. I have had these symptoms for the past 5-10 years.

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

I had 4 amalgam fillings as a child, but have no memory of how they were taken out or if they fell out with baby teeth. I just remember I had them and now I don't. My lower wisdom teeth were removed 1 year ago.

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

I have no amalgam fillings now.

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

Unknown

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

I had all vaccines as a child and flu shots up until 16 years old.

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

None

7) Other information you feel may be relevant?

I am also positive for pyroluria which is said to cause shyness, anxiety, and inner tension so I have started supplementing that 2 weeks ago with P5P, zinc, magnesium, and evening primrose oil.

I am a 26 year old woman, 5'4 and 140 pounds

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

Boynton Beach, Florida, United States