



HAIR TEST 1159
SEX: Female
AGE: 54

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	11	< 7.0	
Antimony (Sb)	0.065	< 0.050	
Arsenic (As)	0.025	< 0.060	
Barium (Ba)	3.3	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.11	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	0.21	< 0.60	
Mercury (Hg)	0.57	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.003	< 0.002	
Uranium (U)	0.014	< 0.060	
Nickel (Ni)	0.66	< 0.30	
Silver (Ag)	0.08	< 0.15	
Tin (Sn)	0.78	< 0.30	
Titanium (Ti)	0.75	< 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)	1930	300- 1200	
Magnesium (Mg)	250	35- 120	
Sodium (Na)	39	20- 250	
Potassium (K)	8	8- 75	
Copper (Cu)	12	11- 37	
Zinc (Zn)	180	140- 220	
Manganese (Mn)	13	0.08- 0.60	
Chromium (Cr)	0.36	0.40- 0.65	
Vanadium (V)	0.020	0.018- 0.065	
Molybdenum (Mo)	0.021	0.020- 0.050	
Boron (B)	48	0.25- 1.5	
Iodine (I)	7.9	0.25- 1.8	
Lithium (Li)	0.011	0.007- 0.020	
Phosphorus (P)	171	150- 220	
Selenium (Se)	0.62	0.55- 1.1	
Strontium (Sr)	8.3	0.50- 7.6	
Sulfur (S)	45700	44000- 50000	
Cobalt (Co)	0.040	0.005- 0.040	
Iron (Fe)	13	7.0- 16	
Germanium (Ge)	0.032	0.030- 0.040	
Rubidium (Rb)	0.010	0.007- 0.096	
Zirconium (Zr)	0.036	0.020- 0.42	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 01/02/2016		Ca/Mg	7.72
Date Received: 01/07/2016		Ca/P	11.3
Date Completed: 01/08/2016		Na/K	4.88
Methodology: ICP/MS		Zn/Cu	15
Sample Size: 0.204 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: Traders Joes			
		RANGE	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

Health history for hair test 1159

1. What are your current symptoms and health history?

6 year history of Lyme disease (symptoms greatly reduced this past year)

Nerve pain (especially back and arms)

Insomnia, anxiety, joint pain, fatigue, brain fog, GI (dysbiosis, yeast infections previously)

Currently - mild nerve pain, some joint pain & fatigue

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

Wisdom teeth removed (in 1979)

Braces - as a teenager (years- 1977-1979)

3. What dental work do you currently have in place? What part of the dental clean-up have you completed?

All Mercury amalgams removed and replaced by porcelain (5 total)

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

None she can recall

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

traveled to Peru in 1982 - had vaccines for malaria, typhoid, yellow fever

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

Currently: per day

Nature Thyroid 75mg

Amitriptyline 25 mg

Progesterone 10% cream

Vitamin C - 1500 mg

MSM - 1500mg

Monolaurin - 2 scoops (approx. 6 grams)

COQ-10 (ubiquinol) 100mg

NAC -1000mg

Digestive enzymes (with each meal)

Probiotics & Saccharomyces

Pinella & Burbur tincture (for detox)

Jernigan Neuro-Antitox tincture (for detox)

RAW Reserve - mixed greens & super-fruits powder

Was on pulsed antibiotics - none for past 4 months

Minocin

Ceftin

Tindamax

Doxycycline

Sulfamethoxazole

Ciprofloxacin

Artemisinin

7. What is your age, height and weight?

Age-54, height-5'5", weight- 115 lbs.

8. Other information you feel may be relevant?

Not sure, but medical:

-tonsils removed 1975 (not sick, my parents just had all of their kids do this)

- had 2 children (normal, uncomplicated births)

-Had DCIS breast cancer - removed & no re-occurrence, no chemo or radiation needed. (Clear now 2 years)

No other major surgeries or procedures.

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

Raleigh, NC