



PATIENT: Number 936
 SEX: Female
 AGE: 47

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	2.3	< 7.0	
Antimony (Sb)	0.073	< 0.050	
Arsenic (As)	0.030	< 0.060	
Barium (Ba)	0.60	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.005	< 2.0	
Cadmium (Cd)	0.025	< 0.050	
Lead (Pb)	0.64	< 0.60	
Mercury (Hg)	2.1	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.004	< 0.060	
Nickel (Ni)	0.24	< 0.30	
Silver (Ag)	0.21	< 0.15	
Tin (Sn)	0.20	< 0.30	
Titanium (Ti)	0.32	< 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)	550	300- 1200	
Magnesium (Mg)	75	35- 120	
Sodium (Na)	10	20- 250	
Potassium (K)	8	8- 75	
Copper (Cu)	17	11- 37	
Zinc (Zn)	530	140- 220	
Manganese (Mn)	0.15	0.08- 0.60	
Chromium (Cr)	0.41	0.40- 0.65	
Vanadium (V)	0.020	0.018- 0.065	
Molybdenum (Mo)	0.048	0.020- 0.050	
Boron (B)	0.50	0.25- 1.5	
Iodine (I)	1.5	0.25- 1.8	
Lithium (Li)	< 0.004	0.007- 0.020	
Phosphorus (P)	185	150- 220	
Selenium (Se)	0.77	0.55- 1.1	
Strontium (Sr)	1.5	0.50- 7.6	
Sulfur (S)	52600	44000- 50000	
Cobalt (Co)	0.009	0.005- 0.040	
Iron (Fe)	10	7.0- 16	
Germanium (Ge)	0.029	0.030- 0.040	
Rubidium (Rb)	0.010	0.007- 0.096	
Zirconium (Zr)	0.11	0.020- 0.42	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 03/31/2014	Sample Size: 0.201 g	Ca/Mg	7.33
Date Received: 04/04/2014	Sample Type: Head	Ca/P	2.97
Date Completed: 04/07/2014	Hair Color: Brown	Na/K	1.25
Methodology: ICP/MS	Treatment:	Zn/Cu	31.2
	Shampoo: Coconut	Zn/Cd	> 999
		RANGE	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

Health history for hair test 936

1. What are your current symptoms and health history?

Currently experiencing fatigue, irritability, unstable mood, chronic yeast infection, hypothyroid, weak adrenals, insomnia, hypoglycemia, brain fog, dry and itchy skin. History of breast cancer (treated by surgery, radiation, chemotherapy, and tamoxifen), skin cancer (treated by surgery), hysterectomy, bilateral oophorectomy, chronic migraines, anxiety/panic disorder, depression, irritable bowel syndrome, gut parasites, mysterious rashes.

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

8 amalgams placed by age 10. 3 extractions at age 12 plus braces. Only had 2 wisdom teeth and both were removed at age 19. No root canals, crowns, or other dental work.

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

8 amalgams removed at age 47 (2 months before hair test). Replaced with composites. No other dental work.

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

Don't know.

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

Standard vaccines as a child growing up in the U.S. in the 1970s. Travel shots before Peace Corps service in Hungary in 1990. Flu shots every year from 1996 through 2012. Tetanus booster in 2006.

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

Naturethroid 16.25 mg, 2 in morning, 2 in afternoon
Compounded E2/E3 cream 0.7%/2.0% twice daily
Compounded testosterone cream 2% once daily
Progensia Plus 1 pump daily
T-100 1 cap
Adrenal Rebuilder 2 caps 3x daily
Fermented cod liver oil 1 tsp
Astaxanthin 12 mg
Triple Action Cruciferous Extract 2 caps
HCL Pro-Zyme 3x daily with meals
Melatonin 2 mg timed release
Melatonin Ultra 3 mg
Methyl-Guard Plus, 1 cap
Probiotics including VSL #3 (2-4 caps daily), Culturelle (2 caps daily), and Florastor (2 caps daily)
Vitamin C, 500 mg – 1000 mg in divided doses

(This was before I started the supplements in the Cutler protocol.)

7. What is your age, height and weight?

Age 47, 5'3", 118 lbs

8. Other information you feel may be relevant?

I wore contact lenses from 1982 until 2013. I used a lot of contact lens solution before thimerosal was banned.

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

Washington, DC, USA