



PATIENT: Number 780
 SEX: Female
 AGE: 48

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	5.5	< 12	
Antimony (Sb)	0.015	< 0.060	
Arsenic (As)	0.093	< 0.090	
Barium (Ba)	0.31	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.025	< 2.0	
Cadmium (Cd)	0.011	< 0.050	
Lead (Pb)	0.55	< 1.0	
Mercury (Hg)	2.2	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.57	< 0.060	
Nickel (Ni)	0.06	< 0.40	
Silver (Ag)	0.08	< 0.10	
Tin (Sn)	0.04	< 0.30	
Titanium (Ti)	0.34	< 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)	366	475- 1500			
Magnesium (Mg)	120	45- 180			
Sodium (Na)	32	80- 450			
Potassium (K)	11	28- 160			
Copper (Cu)	22	11- 30			
Zinc (Zn)	320	130- 200			
Manganese (Mn)	0.10	0.15- 0.65			
Chromium (Cr)	0.38	0.40- 0.65			
Vanadium (V)	0.027	0.018- 0.065			
Molybdenum (Mo)	0.083	0.040- 0.10			
Boron (B)	0.71	0.40- 4.0			
Iodine (I)	0.92	0.25- 1.8			
Lithium (Li)	0.012	0.008- 0.030			
Phosphorus (P)	208	250- 500			
Selenium (Se)	1.0	0.80- 1.3			
Strontium (Sr)	1.1	1.0- 8.0			
Sulfur (S)	47200	42000- 48000			
Cobalt (Co)	0.006	0.006- 0.035			
Iron (Fe)	6.3	7.0- 16			
Germanium (Ge)	0.029	0.030- 0.040			
Rubidium (Rb)	0.012	0.030- 0.25			
Zirconium (Zr)	0.064	0.040- 1.0			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 10/9/2012	Sample Size: 0.196 g	Ca/Mg	3.05	4- 30
Date Received: 10/12/2012	Sample Type: Pubic	Ca/P	1.76	1- 12
Date Completed: 10/17/2012	Hair Color:	Na/K	2.91	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	14.5	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Health history for hair test 780

What are your current symptoms and health history?

I currently have intermittent bouts of debilitating fatigue and depression, multiple food allergies, hair loss, Epstein Barr, Sjogren's, Hashimoto's Disease and endometriosis.

My DHEA and Testosterone are consistently rock bottom but I'm unable to supplement because of the side effects (Testosterone cream makes my hair fall out, even at low doses and DHEA either does nothing or makes me very depressed. Oral DHEA makes me depressed. Cream does nothing but perhaps it's because the dose is too low - 8mg/ML 2x/day). I also cannot tolerate iron supplements and have low iron stores.

I became very ill with bi polar and low thyroid symptoms in 1994. It took 9 years for doctors to find that I had mercury levels that were off the chart (measured using a provoking agent (DMSA).

At that time (2003), I had my amalgams removed (NOT safely) and began DMPS IV chelation. I did 8 of those and seriously damaged my liver before a friend introduced me to the frequent dose chelation Yahoo group and the work of Dr. Cutler. I've been chelating with 25mg DMSA and ALA when I can tolerate it for roughly 8 years.

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

I wore braces for four years as a teenager and had my wisdom teeth removed when I was 23. I don't remember when I first got amalgams but I had them removed in 2003. I have never had a root canal and have had all the metal beneath my crowns replaced with titanium.

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

I have porcelain fillings and titanium under several crowns.

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

My mom has had a head full of mercury since before I was born. She has had a lot of dental work. I'm not sure of the details.

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

I had all the standard immunizations as an American child in the 1960s. My mom told me my behavior started to change after I was vaccinated as a baby. I was a very withdrawn child, terrified of people and new situations. I don't get flu shots or travel vaccines but I had a tetanus vaccine in 2010.

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

HC (7.5mg/ 2x/day), ACE (varies), Levoxyl .025mg in am, T3 5mcg in am and pm, Pregnenalone 10mg 2x day, Vitamin D, Lecithin, Multigenics w/o Iron, Milk Thistle, D-5 Mucuna, Theanine, Tyrosine, L-Tryptophan, Kirkman Labs Advanced Mineral Complex, Fish Oil (varies), Mg Chloride (varies, I can't tolerate it long term), Methyl B12, Ubiquinol.

What is your age, height and weight?

49 years old, 5'2 tall, 117 pounds

Other information you feel may be relevant?

I always seem to do better while on round, though I get exhausted by the third day. I have done roughly 46 rounds of chelation with DMSA and ALA since 2008.

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

I'm in Venice, CA.