



PATIENT: Number 891
 SEX: Female
 AGE: 42

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	4.1	< 7.0	
Antimony (Sb)	< 0.01	< 0.050	
Arsenic (As)	0.035	< 0.060	
Barium (Ba)	1.3	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.073	< 2.0	
Cadmium (Cd)	0.019	< 0.050	
Lead (Pb)	0.22	< 0.60	
Mercury (Hg)	0.49	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.006	< 0.060	
Nickel (Ni)	0.29	< 0.30	
Silver (Ag)	0.10	< 0.15	
Tin (Sn)	0.13	< 0.30	
Titanium (Ti)	0.26	< 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)	453	300- 1200	
Magnesium (Mg)	38	35- 120	
Sodium (Na)	51	20- 250	
Potassium (K)	61	8- 75	
Copper (Cu)	23	11- 37	
Zinc (Zn)	190	140- 220	
Manganese (Mn)	0.34	0.08- 0.60	
Chromium (Cr)	0.33	0.40- 0.65	
Vanadium (V)	0.032	0.018- 0.065	
Molybdenum (Mo)	0.051	0.020- 0.050	
Boron (B)	0.70	0.25- 1.5	
Iodine (I)	2.4	0.25- 1.8	
Lithium (Li)	< 0.004	0.007- 0.020	
Phosphorus (P)	156	150- 220	
Selenium (Se)	0.96	0.55- 1.1	
Strontium (Sr)	2.0	0.50- 7.6	
Sulfur (S)	50200	44000- 50000	
Cobalt (Co)	0.016	0.005- 0.040	
Iron (Fe)	10	7.0- 16	
Germanium (Ge)	0.029	0.030- 0.040	
Rubidium (Rb)	0.064	0.007- 0.096	
Zirconium (Zr)	0.030	0.020- 0.42	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 11/26/2013	Sample Size: 0.108 g	Ca/Mg	11.9
Date Received: 11/30/2013	Sample Type: Head	Ca/P	2.9
Date Completed: 12/03/2013	Hair Color: Brown	Na/K	0.836
Methodology: ICP/MS	Treatment:	Zn/Cu	8.26
	Shampoo: Avalon Organics	Zn/Cd	> 999
		RANGE	
			4 - 30
			1 - 12
			0.5 - 10
			4 - 20
			> 800

Hair Test 891

What are your current symptoms and health history?

I have battled depression symptoms for as long as I can remember. I am so tired most of the time that daily life just seems to be exhausting.

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

My wisdom teeth were extracted this year about 5 months ago along with 3 amalgam fillings replaced NOT safely by a Holistic dentist. About 1 month ago I had 3 amalgam filling replace one new crown and one old crown replaced all done safely by a Holistic Dentist. I know the earliest I have ever gotten amalgam fillings were pibly done. before the age of 8. Never had braces. I have a lot of fillings but all are amalgam free now, the crowns are metal free.

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

All dental work is currently good and fixed..no amalgam.

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

Im sure my mother had amalgam fillings while pregnant w me. 4-5

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

I had all my vaccinations as a child. I believe ive had about 6 flu shots throughout my life. I never had any travel shots.

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

I was taking 300 mg of Welbuterin xl, 2 mg of Clonazepam and 100 mg of Zoloft daily for depression on and off for the past 7 years. I stopped these medications about 3 months prior to hair test.

Supplements I started 3 months ago and stopped them about 2 weeks prior to the hair test.

Tri-3D Omega fish oil- 6 daily-6000 mg total daily

Pumpkin seed oil -6 daily- 6000 mg total daily

Vitamin C- 3 daily- 3000 mg total daily

Magnesium Chelated- 6 daily- 600 mg total daily

Gamma E- 2 daily- 400 mg total daily

Zinc- 1 daily- 50 mg daily

Calcium -6 daily- 1500 mg total daily
Molybdenum- 1 daily- 150 mg total daily
Digestive Enzyme- 3 daily-
Probiotic- 1 daily-
Coenzymate B Complex- 2 daily
CarotenAll- 1 daily
Bio-Curcumin-1 daily- 500 mg total daily

7. What is your age, height and weight?

I am 40 years old I am 5'6" and weigh 158 lbs

8. Other information you feel may be relevant?

Mood swings and my adrenal glands ache most of the time. I have drank bottled spring water for the past 10 years at least. My daughter was born 7 years ago w a birth defect called Microcia.(small ear..w no hearing one that one side)

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

I lived in Sunbury PA until I was 9 then moved to Daytona Bch FL until 7 months ago. I am currently living in Apex NC.