



LAB #: H140324-2199-1  
 PATIENT:  
 ID:  
 SEX: Female  
 AGE: 42

CLIENT #:  
 DOCTOR: Anna Davis, MD  
 Direct Laboratory Services  
 4040 Florida St Ste 101  
 Mandeville, LA 70448 USA

**Toxic & Essential Elements; Hair**

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)		8.8	< 12	
Antimony (Sb)		0.027	< 0.060	
Arsenic (As)		0.072	< 0.090	
Barium (Ba)		0.22	< 2.0	
Beryllium (Be)		0.011	< 0.020	
Bismuth (Bi)		0.12	< 2.0	
Cadmium (Cd)		0.012	< 0.050	
Lead (Pb)		0.28	< 1.0	
Mercury (Hg)		0.04	< 0.80	
Platinum (Pt)		< 0.003	< 0.005	
Thallium (Tl)		< 0.001	< 0.002	
Thorium (Th)		< 0.001	< 0.002	
Uranium (U)		0.039	< 0.060	
Nickel (Ni)		0.12	< 0.40	
Silver (Ag)		0.20	< 0.10	
Tin (Sn)		0.17	< 0.30	
Titanium (Ti)		0.72	< 1.3	
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 <sup>th</sup> 16 <sup>th</sup> 50 <sup>th</sup> 84 <sup>th</sup> 97.5 <sup>th</sup>
Calcium (Ca)		601	475- 1500	
Magnesium (Mg)		55	45- 180	
Sodium (Na)		83	80- 450	
Potassium (K)		43	28- 160	
Copper (Cu)		10	11- 30	
Zinc (Zn)		160	130- 200	
Manganese (Mn)		0.11	0.15- 0.65	
Chromium (Cr)		0.38	0.40- 0.65	
Vanadium (V)		0.026	0.018- 0.065	
Molybdenum (Mo)		0.065	0.040- 0.10	
Boron (B)		1.5	0.40- 4.0	
Iodine (I)		0.57	0.25- 1.8	
Lithium (Li)		0.010	0.008- 0.030	
Phosphorus (P)		259	250- 500	
Selenium (Se)		0.93	0.80- 1.3	
Strontium (Sr)		1.8	1.0- 8.0	
Sulfur (S)		45700	42000- 48000	
Cobalt (Co)		0.007	0.006- 0.035	
Iron (Fe)		9.1	7.0- 16	
Germanium (Ge)		0.035	0.030- 0.040	
Rubidium (Rb)		0.038	0.030- 0.25	
Zirconium (Zr)		2.5	0.040- 1.0	

SPECIMEN DATA		RATIOS	
<b>COMMENTS:</b>		<b>ELEMENTS</b>	<b>RATIOS</b>
Date Collected: 03/12/2014		Ca/Mg	10.9
Date Received: 03/24/2014		Ca/P	2.32
Date Completed: 03/25/2014		Na/K	1.93
Methodology: ICP/MS		Zn/Cu	16
Sample Size: 0.151 g	Sample Type: Pubic	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: Suave			
		<b>RANGE</b>	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

## **Health history for hair test 1175**

### **1. What are your current symptoms and health history?**

Depression, tingling in arms, food allergies,

- 2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)**
- 3. What dental work do you currently have in place? What part of the dental clean-up have you completed?**

Had amalgams replaced with composite a few years ago. All the work was done at one time while I was under anesthesia. Have a crown or two. Dentist isn't very forthcoming about what is in my mouth.

- 4. What dentistry did your mother have at any time before or during pregnancy?**
- 5. What vaccinations have you had and when (including flu and especially travel shots)?**

Probably had all childhood vaccinations.

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

Daily multi-vitamin

- 7. What is your age, height and weight?**

Now 43, 5'11", 160 lbs

- 8. Other information you feel may be relevant?**
- 9. What is your location – city & country (so that we can learn where certain toxins are more prevalent).**

Manassas, VA & San Francisco, CA