



SEX: Female
AGE: 28

DOCTOR'S DATA, INC.
3755 ILLINOIS AVENUE
ST. CHARLES, ILLINOIS 60174-2420
CLIA ID NO: 14D0646470
MEDICARE PROVIDER NO: 148453

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	3.4	< 7.0	
Antimony (Sb)	0.058	< 0.050	
Arsenic (As)	0.027	< 0.060	
Barium (Ba)	0.62	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.036	< 2.0	
Cadmium (Cd)	0.029	< 0.050	
Lead (Pb)	2.1	< 0.60	
Mercury (Hg)	0.59	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.001	< 0.002	
Uranium (U)	0.026	< 0.060	
Nickel (Ni)	0.07	< 0.30	
Silver (Ag)	0.27	< 0.15	
Tin (Sn)	0.25	< 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)	334	300- 1200	
Magnesium (Mg)	28	35- 120	
Sodium (Na)	8	20- 250	
Potassium (K)	5	8- 75	
Copper (Cu)	110	11- 37	
Zinc (Zn)	200	140- 220	
Manganese (Mn)	0.15	0.08- 0.60	
Chromium (Cr)	0.36	0.40- 0.65	
Vanadium (V)	0.014	0.018- 0.065	
Molybdenum (Mo)	0.032	0.020- 0.050	
Boron (B)	0.25	0.25- 1.5	
Iodine (I)	0.99	0.25- 1.8	
Lithium (Li)	< 0.004	0.007- 0.020	
Phosphorus (P)	133	150- 220	
Selenium (Se)	0.75	0.55- 1.1	
Strontium (Sr)	0.90	0.50- 7.6	
Sulfur (S)	45500	44000- 50000	
Cobalt (Co)	0.004	0.005- 0.040	
Iron (Fe)	6.5	7.0- 16	
Germanium (Ge)	0.033	0.030- 0.040	
Rubidium (Rb)	0.009	0.007- 0.096	
Zirconium (Zr)	0.46	0.020- 0.42	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 04/02/2013	Sample Size: 0.198 g	Ca/Mg	11.9
Date Received: 04/05/2013	Sample Type: Head	Ca/P	2.51
Date Completed: 04/06/2013	Hair Color: Brown	Na/K	1.6
Methodology: ICP/MS	Treatment:	Zn/Cu	1.82
	Shampoo: Dove	Zn/Cd	> 999
		RANGE	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

27 Years Old Female. Occupation: E.M.T.

What are your current symptoms and health history?

Physical:

Asthma
Allergy to horses
Tinnitus – Very difficult to get to sleep
Dry Skin
Cold Hands and overall feeling of cold
Low Blood Pressure
Over sensitive to noise and light
Strong smelling urine
Distance vision impaired over the past 2 years
Profuse menses with abdominal pains
Continuously hungry
Difficulty metabolizing Alcohol, Tinnitus much worse after having a drink
Easy Bruising

Neurological:

Trouble listening carefully to directions.
Frequently misplace things.
Best thinking when moving.
Trouble sitting for too long.
Will often say what comes to mind without considering its impact.
Low frustration tolerance.
Trouble getting started.
Problems with self-esteem.
Frequent mood swings.
Trouble sustaining friendships.
Trouble with intimacy.
Avoids group activities.
Trouble with authority.
Quick responses to slights that are real or imagined.
Poor handwriting.

Dental history: Four wisdom teeth removed in 2005. First single surface amalgam placed in 2006. Gave birth to my son August 2009. Had 4 more single surface and one double surface amalgams placed in Nov/Dec 2009. I was breast-feeding my son at this time. One single surface amalgam placed Nov 2011. Had all seven amalgams safely removed during two visits in March 2013.

What dental work do you currently have in place? My mouth has been metal free since March 22, 2013.

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

Combination of amalgams, gold crown, and other crown work. I was breast fed.

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

Received all normal childhood vaccinations, 1985-1990. 2006 Flu Shot, 2009 swine and flu shot while pregnant, Tetanus shot Nov 2012.

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

Cal/Mag Sup includes: Calcium 300mg, Mag 150mg, Vit D 130 IU, Zinc 10mg. 4x/day
Multi Vit/Min Supplement 2x/day
Potassium Citrate 99mg 1x/day

Other information you feel may be relevant?

Lost 50 pounds between May 2012 - May 2013. Weight loss is intentional through ideal protein diet.
My son's (3 yrs) doctor picked up higher than normal lead in his blood, we couldn't figure out where it came from but now I see my lead levels are elevated. I am currently having a hair test done for my son.

What is your location – Rhode Island, US