



HAIR TEST: 1192
SEX: Female
AGE: 8

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	14	< 8.0	
Antimony (Sb)	0.053	< 0.066	
Arsenic (As)	0.036	< 0.060	
Barium (Ba)	3.0	< 1.5	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.22	< 2.0	
Cadmium (Cd)	0.15	< 0.070	
Lead (Pb)	1.4	< 0.80	
Mercury (Hg)	0.44	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.001	< 0.002	
Uranium (U)	0.008	< 0.060	
Nickel (Ni)	0.32	< 0.30	
Silver (Ag)	0.46	< 0.18	
Tin (Sn)	0.42	< 0.30	
Titanium (Ti)	0.29	< 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)	670	250- 800			
Magnesium (Mg)	130	25- 90			
Sodium (Na)	35	18- 180			
Potassium (K)	46	10- 90			
Copper (Cu)	42	11- 37			
Zinc (Zn)	200	120- 220			
Manganese (Mn)	0.41	0.08- 0.60			
Chromium (Cr)	0.47	0.40- 0.65			
Vanadium (V)	0.047	0.025- 0.10			
Molybdenum (Mo)	0.027	0.030- 0.090			
Boron (B)	0.48	0.30- 1.7			
Iodine (I)	2.5	0.25- 1.3			
Lithium (Li)	0.017	0.007- 0.020			
Phosphorus (P)	128	150- 220			
Selenium (Se)	0.51	0.70- 1.1			
Strontium (Sr)	2.9	0.37- 3.6			
Sulfur (S)	46900	44000- 51000			
Cobalt (Co)	0.017	0.005- 0.035			
Iron (Fe)	13	7.0- 16			
Germanium (Ge)	0.032	0.030- 0.040			
Rubidium (Rb)	0.062	0.008- 0.080			
Zirconium (Zr)	0.86	0.030- 0.40			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 03/23/2015		Ca/Mg	5.15
Date Received: 03/30/2015		Ca/P	5.23
Date Completed: 04/03/2015		Na/K	0.761
Methodology: ICP/MS		Zn/Cu	4.76
Sample Size: 0.196 g		Zn/Cd	> 999
Sample Type: Head			
Hair Color: Brown			
Treatment:			
Shampoo: L'oreal			
		RANGE	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	



SEX: Female
AGE: 9

What is main health concern?

279 Walkers Mills Rd
Bethel, ME 04217 U.S.A.

Suggestions for your consideration:
In your Doctor, e, Dr. Amy
Defer to your own doctor as always

Toxic & Essential Elements; Hair

TOXIC METALS				PERCENTILE	
	RESULT $\mu\text{g/g}$	REFERENCE INTERVAL	68 th	95 th	
Inflammatory Pathway Asp	Aluminum (Al)	13	< 8.0		MTR + Liver
	Antimony (Sb)	0.086	< 0.066		CAE
	Arsenic (As)	0.033	< 0.060		PS/PE/PC + DHA
	Barium (Ba)	3.8	< 1.5		+ POTASSIUM
	Beryllium (Be)	< 0.01	< 0.020		+ ATP
	Bismuth (Bi)	0.18	< 2.0		+ All in One + BeCaM
	Cadmium (Cd)	0.10	< 0.070		
	Lead (Pb)	2.4	< 0.80		+ Zinc Cozargr
	Mercury (Hg)	0.15	< 0.40		
	Platinum (Pt)	< 0.003	< 0.005		
	Thallium (Tl)	< 0.001	< 0.002		
	Thorium (Th)	0.001	< 0.002		
	Uranium (U)	0.010	< 0.060		
	Nickel (Ni)	0.65	< 0.30		Riboselin Sphas
	Silver (Ag)	0.27	< 0.18		
	Tin (Sn)	0.31	< 0.30		ATP + Ribos phos
	Titanium (Ti)	0.43	< 0.70		
Total Toxic Representation					

ESSENTIAL AND OTHER ELEMENTS				PERCENTILE				
	RESULT $\mu\text{g/g}$	REFERENCE INTERVAL	2.5 th	16 th	50 th	84 th	97.5 th	
	Calcium (Ca)	789	250-	800				
	Magnesium (Mg)	78	25-	90				
	Sodium (Na)	40	18-	180				
	Potassium (K)	9	10-	90				+ Potassium
too high	Copper (Cu)	58	11-	37				+ zinc + molybdenum
	Zinc (Zn)	200	120-	220				+ zinc to zargr
too high	Manganese (Mn)	0.60	0.08-	0.60				
	Chromium (Cr)	0.43	0.40-	0.65				
	Vanadium (V)	0.067	0.025-	0.10				
	Molybdenum (Mo)	0.027	0.030-	0.090				+ MTR CAE
	Boron (B)	0.42	0.30-	1.7				
Work with your doctor on lithium	Iodine (I)	0.66	0.25-	1.3				
	Lithium (Li)	< 0.004	0.007-	0.020				
	Phosphorus (P)	133	150-	220				ATP + Ribos phos
	Selenium (Se)	0.53	0.70-	1.1				Metal Away
	Strontium (Sr)	2.0	0.37-	3.6				
	Sulfur (S)	46800	44000-	51000				
	Cobalt (Co)	0.027	0.005-	0.035				
	Iron (Fe)	11	7.0-	16				
	Germanium (Ge)	0.032	0.030-	0.040				
	Rubidium (Rb)	0.012	0.008-	0.080				ATP + POTASSIUM
	Zirconium (Zr)	0.56	0.030-	0.40				

SPECIMEN DATA		RATIOS		
COMMENTS: Work on lithium + ATP + Ribos + potassium + PS/PE/PC + DHA + All in One		ELEMENTS	RATIOS	RANGE
Date Collected: 04/14/2016	Sample Size: 0.198 g	Ca/Mg	10.1	4- 30
Date Received: 04/26/2016	Sample Type: Head	Ca/P	5.93	1- 12
Date Completed: 04/28/2016	Hair Color: Brown	Na/K	4.44	0.5- 10
Methodology: ICP/MS	Treatment: HMT in 3 months to reach lithium	Zn/Cu	3.45	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Defer to your doctor as always

Hair Test 1192

What are your current symptoms and health history?

been diagnosed with elevated pyrroles, anxiety...low stress threshold

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

No dental work

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

What dentistry did your mother have at any time before or during pregnancy - 4 mercury fillings

What vaccinations have you had and when (including flu and especially travel shots)? - No vaccinations

Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? - Calcium/Magnesium(1000mg Calcium. 500mg Mag, B6-50mg,activated B6-24mg, Vit C-250mg, Vit E-60IU, zinc-50mg,

What is your age, height and weight? 9 years old, female

Other information you feel may be relevant? Father had 13 amalgams, removed 4 years ago doing chelation, round 190

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