



PATIENT: Number 781
 SEX: Male
 AGE:

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	2.6	< 7.0	
Antimony (Sb)	0.035	< 0.066	
Arsenic (As)	0.24	< 0.080	
Barium (Ba)	0.11	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.92	< 2.0	
Cadmium (Cd)	0.011	< 0.065	
Lead (Pb)	0.30	< 0.80	
Mercury (Hg)	0.13	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.001	< 0.060	
Nickel (Ni)	0.05	< 0.20	
Silver (Ag)	0.33	< 0.08	
Tin (Sn)	0.20	< 0.30	
Titanium (Ti)	0.51	< 0.60	
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)	84	200- 750			
Magnesium (Mg)	9	25- 75			
Sodium (Na)	90	20- 180			
Potassium (K)	270	9- 80			
Copper (Cu)	9.6	11- 30			
Zinc (Zn)	110	130- 200			
Manganese (Mn)	0.04	0.08- 0.50			
Chromium (Cr)	0.50	0.40- 0.70			
Vanadium (V)	0.045	0.018- 0.065			
Molybdenum (Mo)	0.17	0.025- 0.060			
Boron (B)	5.1	0.40- 3.0			
Iodine (I)	1.4	0.25- 1.8			
Lithium (Li)	0.010	0.007- 0.020			
Phosphorus (P)	147	150- 220			
Selenium (Se)	0.69	0.70- 1.2			
Strontium (Sr)	0.12	0.30- 3.5			
Sulfur (S)	47800	44000- 50000			
Cobalt (Co)	0.004	0.004- 0.020			
Iron (Fe)	6.4	7.0- 16			
Germanium (Ge)	0.021	0.030- 0.040			
Rubidium (Rb)	0.58	0.011- 0.12			
Zirconium (Zr)	0.56	0.020- 0.44			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 03/20/2013	Sample Size: 0.2 g	Ca/Mg	9.33	4- 30
Date Received: 03/22/2013	Sample Type: Head	Ca/P	0.571	0.8- 8
Date Completed: 03/25/2013	Hair Color:	Na/K	0.333	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	11.5	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Toxic & Essential Elements; Hair

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)		3.1	< 8.0	
Antimony (Sb)		0.039	< 0.066	
Arsenic (As)		0.17	< 0.080	
Barium (Ba)		0.13	< 0.50	
Beryllium (Be)		< 0.01	< 0.020	
Bismuth (Bi)		7.3	< 2.0	
Cadmium (Cd)		0.022	< 0.070	
Lead (Pb)		0.49	< 1.0	
Mercury (Hg)		0.09	< 0.40	
Platinum (Pt)		< 0.003	< 0.005	
Thallium (Tl)		< 0.001	< 0.002	
Thorium (Th)		< 0.001	< 0.002	
Uranium (U)		0.002	< 0.060	
Nickel (Ni)		0.07	< 0.20	
Silver (Ag)		0.09	< 0.20	
Tin (Sn)		0.18	< 0.30	
Titanium (Ti)		0.75	< 1.0	
Total Toxic Representation				

PS/PE/PC +
P/DHA I
All in One
Run CSA/GIF/NAP
when you can

ESSENTIAL AND OTHER ELEMENTS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th
Calcium (Ca)		81	125- 370	
Magnesium (Mg)		6	12- 30	
Sodium (Na)		14	20- 200	
Potassium (K)		33	12- 200	
Copper (Cu)		9.4	11- 18	
Zinc (Zn)		78	100- 190	
Manganese (Mn)		0.07	0.10- 0.50	
Chromium (Cr)		0.51	0.43- 0.80	
Vanadium (V)		0.066	0.030- 0.10	
Molybdenum (Mo)		0.21	0.050- 0.13	
Boron (B)		3.7	0.70- 5.0	
Iodine (I)		1.2	0.25- 1.3	
Lithium (Li)		< 0.004	0.007- 0.020	
Phosphorus (P)		127	150- 220	
Selenium (Se)		0.80	0.70- 1.1	
Strontium (Sr)		0.12	0.16- 1.0	
Sulfur (S)		46900	45500- 53000	
Cobalt (Co)		0.004	0.004- 0.020	
Iron (Fe)		9.6	7.0- 16	
Germanium (Ge)		0.026	0.030- 0.040	
Rubidium (Rb)		0.063	0.016- 0.18	
Zirconium (Zr)		0.36	0.040- 1.0	

Magnesium
Zinc 6 range
low dose molybdenum
All in One +
Be Calm spray
Oz Triplex

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 09/16/2013	Sample Size: 0.2 g	Ca/Mg	13.5	4- 30
Date Received: 09/18/2013	Sample Type: Head	Ca/P	0.638	0.8- 8
Date Completed: 09/20/2013	Hair Color: Red	Na/K	0.424	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	8.3	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

As always defer to your doctor

Suggestions for your consideration.
As always, work with your Doctor.
With love & hope, Dr. Amy

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	3.0	< 8.0	nice increase
Antimony (Sb)	0.015	< 0.066	
Arsenic (As)	0.093	< 0.080	
Barium (Ba)	0.08	< 0.50	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.11	< 2.0	
Cadmium (Cd)	< 0.009	< 0.070	
Lead (Pb)	0.23	< 1.0	
Mercury (Hg)	0.09	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.001	< 0.060	
Nickel (Ni)	0.04	< 0.20	
Silver (Ag)	0.03	< 0.20	
Tin (Sn)	0.08	< 0.30	
Titanium (Ti)	0.42	< 1.0	
Total Toxic Representation			

Handwritten notes: Homeopathic (Al) 8/14, Cont. methylation support, Mitoforce, Ribastavin 5 phos

ESSENTIAL AND OTHER ELEMENTS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th
Calcium (Ca)	139	125- 370	
Magnesium (Mg)	18	12- 30	
Sodium (Na)	22	20- 200	
Potassium (K)	23	12- 200	inc. potassium
Copper (Cu)	11	11- 18	
Zinc (Zn)	170	100- 190	
Manganese (Mn)	0.06	0.10- 0.50	
Chromium (Cr)	0.40	0.43- 0.80	
Vanadium (V)	0.041	0.030- 0.10	
Molybdenum (Mo)	0.11	0.050- 0.13	
Boron (B)	2.3	0.70- 5.0	
Iodine (I)	0.66	0.25- 1.3	
Lithium (Li)	0.022	0.007- 0.020	
Phosphorus (P)	170	150- 220	
Selenium (Se)	0.91	0.70- 1.1	
Strontium (Sr)	0.13	0.16- 1.0	
Sulfur (S)	49900	45500- 53000	
Cobalt (Co)	0.004	0.004- 0.020	
Iron (Fe)	6.3	7.0- 16	
Germanium (Ge)	0.026	0.030- 0.040	
Rubidium (Rb)	0.022	0.016- 0.18	
Zirconium (Zr)	0.49	0.040- 1.0	

Handwritten notes: Black Bear, T call + Beal caps

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 11/23/2014		Ca/Mg	7.72	4- 30
Date Received: 11/26/2014		Ca/P	0.818	0.8- 8
Date Completed: 11/28/2014		Na/K	0.957	0.5- 10
Methodology: ICP/MS		Zn/Cu	15.5	4- 20
Sample Size: 0.2 g		Zn/Cd	> 999	> 800
Sample Type: Head				
Hair Color: Red				
Treatment:				
Shampoo: No Tears Organic				

Handwritten notes: ACAT cap, Daser to your doctor as always

Health history for hair test 781

My son was born in January 2011 with the help of a vacuum.
He was colicky his first year of life and had difficulty feeling safe and self-soothing.

He now has fears of crowds and water, at least being submerged.
He developed febrile seizures his second year of life and can have partial seizures if his diet is not monitored.
He has quite a lot of allergies, both food and environmental as well as chemical sensitivities.

I had several fillings replaced with non-silver fillings and so did my husband about 4 years before we had him. Neither one of us did extensive chelation, only intravenous chelation, one time. We are now both amalgam free.

My son has had no fillings or vaccinations to this date. My husband had all the military shots and we both had all the vaccines from the 70's.

No real medicines taken, only thyroid for me. He was only on a multi for his hair test.

He is 2 years, 4 months. Weighs 38 pounds and is about 39 inches tall.

I gave him colloidal silver when he was 10 months old for a bacterial infection. 1/2 tsp one time per day for 5 days.

We live in Champaign Il, central Illinois. Surrounded by corn fields on a golf course.
Hope this info helps! Thank you!