



SEX: Female
AGE: 56

CLIENT #: 39238
DOCTOR: , MD
Neurological Research Institute LLC
279 Walkers Mills Rd
Bethel, ME 04217 U.S.A.

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
All in one + Be Calm					
Aluminum	(Al)	1.3	< 7.0		
Antimony	(Sb)	< 0.01	< 0.050		
Arsenic	(As)	< 0.01	< 0.060		
Barium	(Ba)	1.5	< 2.0		
Beryllium	(Be)	< 0.01	< 0.020		
Bismuth	(Bi)	0.006	< 2.0		
Cadmium	(Cd)	< 0.009	< 0.050		
Lead	(Pb)	0.35	< 0.60		
Mercury	(Hg)	0.73	< 0.80		
Platinum	(Pt)	< 0.003	< 0.005		
Thallium	(Tl)	< 0.001	< 0.002		
Thorium	(Th)	< 0.001	< 0.002		
Uranium	(U)	0.013	< 0.060		
Nickel	(Ni)	0.15	< 0.30		
Silver	(Ag)	0.11	< 0.15		
Tin	(Sn)	0.12	< 0.30		
Titanium	(Ti)	0.32	< 0.70		
Total Toxic Representation		LAST WATER test showed high manganese			

ESSENTIAL AND OTHER ELEMENTS

		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE				
				2.5 th	16 th	50 th	84 th	97.5 th
PS/PE/PC + DHA								
Calcium	(Ca)	1920	300- 1200					
Magnesium	(Mg)	340	35- 120					
Sodium	(Na)	15	20- 250					
Potassium	(K)	< 3	8- 75					
Copper	(Cu)	56	11- 37					
Zinc	(Zn)	250	140- 220					
Manganese	(Mn)	3.7	0.08- 0.60					
Chromium	(Cr)	0.34	0.40- 0.65					
Vanadium	(V)	0.013	0.018- 0.065					
Molybdenum	(Mo)	0.016	0.020- 0.050					
Boron	(B)	0.39	0.25- 1.5					
Iodine	(I)	1.3	0.25- 1.8					
Lithium	(Li)	< 0.004	0.007- 0.020					
Phosphorus	(P)	154	150- 220					
Selenium	(Se)	0.46	0.55- 1.1					
Strontium	(Sr)	7.1	0.50- 7.6					
Sulfur	(S)	49100	44000- 50000					
Cobalt	(Co)	0.008	0.005- 0.040					
Iron	(Fe)	8.7	7.0- 16					
Germanium	(Ge)	0.034	0.030- 0.040					
Rubidium	(Rb)	< 0.003	0.007- 0.096					
Zirconium	(Zr)	0.040	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: 04/27/2016
Date Received: 05/02/2016
Date Completed: 05/03/2016
Methodology: ICP/MS

Sample Size: 0.198 g
Sample Type: Head
Hair Color:
Treatment: Dye
Shampoo:

RATIOS

ELEMENTS	RATIOS	RANGE
Ca/Mg	5.65	4- 30
Ca/P	12.5	1- 12
Na/K	5	0.5- 10
Zn/Cu	4.46	4- 20
Zn/Cd	> 999	> 800



SEX: Female
AGE: 57

Toxic & Essential Elements; Hair

TOXIC METALS				PERCENTILE	
		RESULT μg/g	REFERENCE INTERVAL	68 th	95 th
Aluminum (Al)		2.9	< 7.0		
Antimony (Sb)		< 0.01	< 0.050		
Arsenic (As)		0.042	< 0.060		
Barium (Ba)		0.44	< 2.0		
Beryllium (Be)		< 0.01	< 0.020		
Bismuth (Bi)		0.17	< 2.0		
Cadmium (Cd)		0.031	< 0.050		
Lead (Pb)		0.21	< 0.60		
Mercury (Hg)		0.43	< 0.80		
Platinum (Pt)		< 0.003	< 0.005		
Thallium (Tl)		< 0.001	< 0.002		
Thorium (Th)		0.001	< 0.002		
Uranium (U)		0.011	< 0.060		
Nickel (Ni)		0.05	< 0.30		
Silver (Ag)		0.06	< 0.15		
Tin (Sn)		0.17	< 0.30		
Titanium (Ti)		0.23	< 0.70		
Total Toxic Representation					

ESSENTIAL AND OTHER ELEMENTS				PERCENTILE				
		RESULT μg/g	REFERENCE INTERVAL	2.5 th	16 th	50 th	84 th	97.5 th
Calcium (Ca)		424	300– 1200					
Magnesium (Mg)		37	35– 120					
Sodium (Na)		14	20– 250					
Potassium (K)		7	8– 75					
Copper (Cu)		35	11– 37					
Zinc (Zn)		180	140– 220					
Manganese (Mn)		0.67	0.08– 0.60					
Chromium (Cr)		0.42	0.40– 0.65					
Vanadium (V)		0.034	0.018– 0.065					
Molybdenum (Mo)		0.024	0.020– 0.050					
Boron (B)		0.47	0.25– 1.5					
Iodine (I)		1.2	0.25– 1.8					
Lithium (Li)		0.009	0.007– 0.020					
Phosphorus (P)		147	150– 220					
Selenium (Se)		0.54	0.55– 1.1					
Strontium (Sr)		1.7	0.50– 7.6					
Sulfur (S)		47200	44000– 50000					
Cobalt (Co)		0.004	0.005– 0.040					
Iron (Fe)		6.4	7.0– 16					
Germanium (Ge)		0.033	0.030– 0.040					
Rubidium (Rb)		0.007	0.007– 0.096					
Zirconium (Zr)		0.054	0.020– 0.42					

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 11/15/2017		Ca/Mg	11.5	4– 30
Date Received: 11/20/2017		Ca/P	2.88	1– 12
Date Completed: 11/24/2017		Na/K	2	0.5– 10
Methodology: ICP/MS		Zn/Cu	5.14	4– 20
Sample Size: 0.202 g		Zn/Cd	> 999	> 800
Sample Type: Head				
Hair Color:				
Treatment:				
Shampoo:				

1. What are your current symptoms and health history? Every 5 weeks, I get sick: sweats, lower back pain, metallic taste in my mouth, flu-like, head ache, confusion, depression, extremely tired!
2. Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc....) My wisdom teeth were removed in High School, I have one root canal.
3. What dental work do you currently have in place? What part of the dental cleanup have you completed? I have had all mercury fillings taken out. I need to get an X-Ray to make sure no specks left behind.
4. What dentistry did your mother have at any time before or during pregnancy? I don't know.
5. What vaccinations have you had and when (including flu and especially travel shots)? I had I guess polio and measles as a child. I am 60 now.
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken. None
7. Other information you feel may be relevant?
8. What is your location - city & country (so that we can learn where certain toxins are more prevalent). I grew up in NJ, then at age 26, I moved to Chicago for 26 years. I now live back in NJ.

1. What are your current symptoms and health history? **My symptoms are: sweats, headache, metal taste in mouth, exhausted, flu symptoms, ear aches at times, confusion, sleep disturbances.**
2. Dental history (wisdom teeth removed? **Yes** First root canal placed? Braces? First amalgam etc....) **I had all amalgams taken out.**
3. What dental work do you currently have in place? What part of the dental cleanup have you completed? **I had all amalgams taken out.**
4. What dentistry did your mother have at any time before or during pregnancy? **I don't know.**
5. What vaccinations have you had and when (including flu and especially travel shots)? **I had some in early 60s. I don't get the flu shot..**
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken. **I can't remember.**
7. Other information you feel may be relevant?
8. What is your location - city & country (so that we can learn where certain toxins are more prevalent). **I was born in NJ but spent 26 years in Chicago.**



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AGE: 57

DEFER to
YOUR DOCTOR

Toxic & Essential Elements; Hair

TOXIC METALS				PERCENTILE	
		RESULT µg/g	REFERENCE INTERVAL	68 th	95 th
Aluminum (Al)		2.9	< 7.0	████████	████████
Antimony (Sb)		< 0.01	< 0.050	████████	████████
Arsenic (As)		0.042	< 0.060	████████	████████
Barium (Ba)		0.44	< 2.0	████████	████████
Beryllium (Be)		< 0.01	< 0.020	████████	████████
Bismuth (Bi)		0.17	< 2.0	████████	████████
Cadmium (Cd)		0.031	< 0.050	████████	████████
Lead (Pb)		0.21	< 0.60	████████	████████
Mercury (Hg)		0.43	< 0.80	████████	████████
Platinum (Pt)		< 0.003	< 0.005	████████	████████
Thallium (Tl)		< 0.001	< 0.002	████████	████████
Thorium (Th)		0.001	< 0.002	████████	████████
Uranium (U)		0.011	< 0.060	████████	████████
Nickel (Ni)		0.05	< 0.30	████████	████████
Silver (Ag)		0.06	< 0.15	████████	████████
Tin (Sn)		0.17	< 0.30	████████	████████
Titanium (Ti)		0.23	< 0.70	████████	████████
Total Toxic Representation				████████	████████

Inflammatory Pathway Cps
+ General nuc. drop

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doct

sidation.
or Doctor.
: Amy

ESSENTIAL AND OTHER ELEMENTS

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Can also add liquid methyl sulfate drops +
Folic Plus = Black Bear = Hydroxy + Adenosyl B12
NICE PRO GREEN !!

2 bit