

Toxic & Essential Elements; Hair

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum	(Al)	16	< 8.0	████████████████████
Antimony	(Sb)	0.064	< 0.066	████████████████████
Arsenic	(As)	0.062	< 0.080	████████████████████
Barium	(Ba)	0.17	< 0.50	████████████████████
Beryllium	(Be)	< 0.01	< 0.020	████████████████████
Bismuth	(Bi)	0.029	< 2.0	████████████████████
Cadmium	(Cd)	0.052	< 0.070	████████████████████
Lead	(Pb)	1.4	< 1.0	████████████████████
Mercury	(Hg)	0.21	< 0.40	████████████████████
Platinum	(Pt)	< 0.003	< 0.005	████████████████████
Thallium	(Tl)	< 0.001	< 0.002	████████████████████
Thorium	(Th)	< 0.001	< 0.002	████████████████████
Uranium	(U)	0.004	< 0.060	████████████████████
Nickel	(Ni)	0.14	< 0.20	████████████████████
Silver	(Ag)	0.61	< 0.20	████████████████████
Tin	(Sn)	0.55	< 0.30	████████████████████
Titanium	(Ti)	1.4	< 1.0	████████████████████
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)	136	125- 370	████████████████████
Magnesium	(Mg)	98	12- 30	████████████████████
Sodium	(Na)	160	20- 200	████████████████████
Potassium	(K)	110	12- 200	████████████████████
Copper	(Cu)	15	11- 18	████████████████████
Zinc	(Zn)	86	100- 190	████████████████████
Manganese	(Mn)	0.15	0.10- 0.50	████████████████████
Chromium	(Cr)	0.52	0.43- 0.80	████████████████████
Vanadium	(V)	0.027	0.030- 0.10	████████████████████
Molybdenum	(Mo)	0.44	0.050- 0.13	████████████████████
Boron	(B)	2.8	0.70- 5.0	████████████████████
Iodine	(I)	1.2	0.25- 1.3	████████████████████
Lithium	(Li)	0.037	0.007- 0.020	████████████████████
Phosphorus	(P)	194	150- 220	████████████████████
Selenium	(Se)	0.85	0.70- 1.1	████████████████████
Strontium	(Sr)	0.26	0.16- 1.0	████████████████████
Sulfur	(S)	51400	45500- 53000	████████████████████
Cobalt	(Co)	0.011	0.004- 0.020	████████████████████
Iron	(Fe)	10	7.0- 16	████████████████████
Germanium	(Ge)	0.036	0.030- 0.040	████████████████████
Rubidium	(Rb)	0.20	0.016- 0.18	████████████████████
Zirconium	(Zr)	0.049	0.040- 1.0	████████████████████

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 4/12/2012	Sample Size: 0.203 g	Ca/Mg	1.39	4- 30
Date Received: 4/20/2012	Sample Type: Head	Ca/P	0.701	0.8- 8
Date Completed: 4/25/2012	Hair Color: Brown	Na/K	1.45	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	5.73	4- 20
	Shampoo: Baby	Zn/Cd	> 999	> 800



PATIENT: Number 505 follow-up
 SEX: Male
 AGE: 5

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	20	< 8.0	
Antimony (Sb)	0.025	< 0.066	
Arsenic (As)	0.060	< 0.080	
Barium (Ba)	0.22	< 0.50	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.012	< 2.0	
Cadmium (Cd)	0.024	< 0.070	
Lead (Pb)	1.1	< 1.0	
Mercury (Hg)	0.11	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.018	< 0.060	
Nickel (Ni)	0.16	< 0.20	
Silver (Ag)	0.17	< 0.20	
Tin (Sn)	0.21	< 0.30	
Titanium (Ti)	0.37	< 1.0	
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)	267	125- 370					
Magnesium (Mg)	22	12- 30					
Sodium (Na)	160	20- 200					
Potassium (K)	170	12- 200					
Copper (Cu)	82	11- 18					
Zinc (Zn)	200	100- 190					
Manganese (Mn)	0.16	0.10- 0.50					
Chromium (Cr)	0.51	0.43- 0.80					
Vanadium (V)	0.049	0.030- 0.10					
Molybdenum (Mo)	0.047	0.050- 0.13					
Boron (B)	2.5	0.70- 5.0					
Iodine (I)	0.48	0.25- 1.3					
Lithium (Li)	0.038	0.007- 0.020					
Phosphorus (P)	143	150- 220					
Selenium (Se)	1.2	0.70- 1.1					
Strontium (Sr)	0.42	0.16- 1.0					
Sulfur (S)	50600	45500- 53000					
Cobalt (Co)	0.017	0.004- 0.020					
Iron (Fe)	11	7.0- 16					
Germanium (Ge)	0.026	0.030- 0.040					
Rubidium (Rb)	0.19	0.016- 0.18					
Zirconium (Zr)	0.030	0.040- 1.0					

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 10/19/2013	Sample Size: 0.199 g	Ca/Mg	12.1	4- 30
Date Received: 10/26/2013	Sample Type: Head	Ca/P	1.87	0.8- 8
Date Completed: 11/01/2013	Hair Color: Brown	Na/K	0.941	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	2.44	4- 20
	Shampoo: Soap	Zn/Cd	> 999	> 800

As tolerated + Ion Transport cap + nucleotide blend



SEX: Male
AGE: 7

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
Aluminum (Al)	29	< 8.0	
Antimony + PS/PE/PC (Sb) + DHA	0.12	< 0.066	
Arsenic (As)	0.025	< 0.080	
Barium + POTASSIUM (Ba) + ATP	1.8	< 0.75	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.003	< 2.0	
Cadmium (Cd)	0.052	< 0.070	
Lead (Pb)	2.6	< 1.0	
Mercury (Hg)	0.11	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.001	< 0.002	
Uranium (U)	0.018	< 0.060	
Nickel (Ni)	0.40	< 0.20	
Silver (Ag)	0.76	< 0.14	
Tin (Sn)	0.19	< 0.30	
Titanium (Ti)	0.30	< 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)	1050	160- 500	
Magnesium (Mg)	150	12- 50	
Sodium (Na)	13	20- 200	
Potassium (K)	5	12- 140	
Copper TOO HIGH (Cu)	220	11- 32	
Zinc (Zn)	180	110- 190	
Manganese (Mn)	0.15	0.08- 0.50	
Chromium (Cr)	0.52	0.40- 0.70	
Vanadium (V)	0.064	0.025- 0.10	
Molybdenum (Mo)	0.035	0.040- 0.090	
Boron (B)	0.93	0.50- 3.5	
Iodine (I)	1.4	0.25- 1.3	
Lithium TOO LOW (Li)	< 0.004	0.007- 0.020	
Phosphorus ATP + (P)	120	150- 220	
Selenium Ribosylain (Se)	1.1	0.70- 1.1	
Strontium Sphos (Sr)	5.0	0.21- 2.1	
Sulfur (S)	49300	44000- 51000	
Cobalt (Co)	0.009	0.004- 0.020	
Iron (Fe)	9.6	7.0- 16	
Germanium (Ge)	0.032	0.030- 0.040	
Rubidium + POTASSIUM (Rb)	0.006	0.008- 0.080	
Zirconium (Zr)	0.030	0.060- 0.70	

SPECIMEN DATA		RATIOS	
COMMENTS: + All in one + Ba Calm + PS/PE/PC + DHA + Methylation nuc. blend + ATP + Ribosylain + Mitoforze + lithium + potassium THEN Date Collected: 03/19/2016 Sample Size: 0.195 g Date Received: 04/11/2016 Sample Type: Head Date Completed: 04/13/2016 Hair Color: Brown Methodology: ICP/MS Treatment: + lithium + potassium Shampoo: Normal		ELEMENTS Ca/Mg 7 Ca/P 8.75 Na/K 2.6 Zn/Cu 0.818 Zn/Cd > 999	RATIOS RANGE 4- 30 0.8- 8 0.5- 10 4- 20 > 800

Health history for hair test 505 follow-up

1. What are your current symptoms and health history?

Autism diagnosis in 2011 that has much improved after 99 rounds of AC chelation.

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

Mother had leaking amalgams while breast feeding

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

All the usual plus TB, no MMR, no flu, none after diagnosis

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

Zinc picolate 50mg divided 4 times a day

Vitamin C buffered ester 1000mg divided 4 times a day extra on round

Magnesium Glycinate 300mg divided 4 times a day, increase to 400mg?

Vitamin E dry succinate 400IU divided 3 times a day

Vitamin K2 1000mcg

Vitamin D3 1000IU

Vitamin A 12500IU

Selenium as selenomethione 50 divided by 4 off round

Milk thistle 150 divided by 4

NN CLO 10ml

Transfer Factor 4Life with egg and milk x2

Biotin 5000

Aceyl L Carnitine 500mg per day

Probiotic strep free

Taurine 300 x 3

Goldenseal for strep flares

MB12 2500mg sublingual

Just this week after hair test changed to Everything spectrum multi and Essential four. He was grinding his teeth as lot previous to this.

7. What is your age, height and weight?

5 years, 110cm, 17 kg

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

Adelaide, Australia

Health history for hair test 505

1. What are your current symptoms and health history?

Autism diagnosis, now 2 yrs 11 months using biomed ie: on the GFCFSF diet, zinc, B complex, D3, CLO, probiotic, etc since April

> 2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

None, teeth came through later than normal, has large teeth though

> 3. What dental work do you currently have in place? What part of the dental clean-up have you completed?

None

> 4. What dentistry did your mother have at any time before or during pregnancy?

Cracked teeth during breastfeeding leading to removal of two teeth, at 8 weeks of age

> 5. What vaccinations have you had and when (including flu and especially travel shots)?

All vaccs(No MMR), TB vacc, have stopped vaccinating

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

Epsom salt baths, a kids multi which had copper in it now discontinued.

> 7. What is your age, height and weight?

2 yrs 11 months, 92 cm, 25 pounds

> 8. Other information you feel may be relevant?

Thyroid level 2.73, in process of getting free T3, T4 results, waiting for doc for thyroid / adrenal help
Member of RFA group

> 9. What is your location – city & country (so that we can learn where certain toxins are more prevalent).

Currently Mount Barker, Australia
Was in Istanbul Turkey for one year at 12 months