DOCTOR'S DATA INC.

LAB #: H200702-2242-1

SEX: Male

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

Toxic & Essential Elements; Hair

TOXIC METALS		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68th 95th
Aluminum	(Al)	4.5	< 7.0	
Antimony	(Sb)	0.016	< 0.066	
Arsenic	(As)	0.047	< 0.080	
Barium	(Ba)	0.33	< 1.0	
Beryllium	(Be)	< 0.01	< 0.020	
Bismuth	(Bi)	0.012	< 2.0	
Cadmium	(Cd)	< 0.009	< 0.065	
Lead	(Pb)	0.10	< 0.80	
Mercury	(Hg)	0.38	< 0.80	
Platinum	(Pt)	< 0.003	< 0.005	
Thallium	(Tl)	< 0.001	< 0.002	
Thorium	(Th)	< 0.001	< 0.002	
Uranium	(U)	0.003	< 0.060	
Nickel	(Ni)	0.12	< 0.20	
Silver	(Ag)	0.02	< 0.08	
Tin	(Sn)	0.05	< 0.30	
Titanium	(Ti)	0.21	< 0.60	
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5th 16th 50th 84th 97.5th
Calcium	(Ca)	220	200- 750	
Magnesium	(Mg)	14	25- 75	
Sodium	(Na)	6	20- 180	
Potassium	(K)	11	9- 80	
Copper	(Cu)	8.7	11- 30	
Zinc	(Zn)	150	130- 200	
Manganese	(Mn)	0.06	0.08- 0.50	
Chromium	(Cr)	0.41	0.40- 0.70	
Vanadium	(V)	0.057	0.018- 0.065	
Molybdenum	(Mo)	0.047	0.025- 0.060	
Boron	(B)	0.74	0.40- 3.0	
Iodine	(I)	0.45	0.25- 1.8	
Lithium	(Li)	< 0.004	0.007- 0.020	
Phosphorus	(P)	156	150- 220	
Selenium	(Se)	0.95	0.70- 1.2	
Strontium	(Sr)	0.39	0.30- 3.5	
Sulfur	(S)	46300	44000- 50000	
Cobalt	(Co)	0.010	0.004- 0.020	
Iron	(Fe)	5.8	7.0- 16	
Germanium	(Ge)	0.038	0.030- 0.040	
Rubidium	(Rb)	0.020	0.011- 0.12	
Zirconium	(Zr)	0.90	0.020- 0.44	

SPECIMEN DATA

COMMENTS:

Date Collected: 06/29/2020
Date Received: 07/02/2020
Date Reported: 07/06/2020
Methodology: ICP/MS

Sample Size: 0.198 g
Sample Type: Head
Hair Color: Brown
Treatment:
Shampoo: Alba Bontanica

RATIOS

ELEMENTS	RATIOS	RANGE
Ca/Mg	15.7	4- 30
Ca/P	1.41	0.8- 8
Na/K	0.545	0.5- 10
Zn/Cu	17.2	4- 20
Zn/Cd	> 999	> 800

See attached for hair test results.

My interpretation of the counting rules posted to the ACC forum:

Rule 1 - yes - 4.5 count
Rule 2 - no - much greater than 5
Rule 3 - no- 3 count, but yes by virtue of Rule 5
Rule 4 - no - 15 count
Rule 5 - see above

Regarding the questionnaire:

What are your current symptoms and health history?

- recent: muscle jerks and fasciculations immediately after taking Glutathione supplement
- brain zaps (from withdrawal of a drepressent) have become more pronounced since taking the Glutathione supplement but I seem to be having success mitigating that with Choline L-Bitartrate and Citicoline

Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc….)

- four amalgams all done when very young

What dental work do you currently have in place? What part of the dental cleanup have you completed?

- still have the four amalgams. No dental cleanup completed.

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

- probably at least 6 silver fillings, perhaps 8.

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

- Expect usual battery of shots for kids born in 1964.
- various tetanus shots through the years
- think I only did one flu shot through all the years
- more recently had the following in 2000 timeframe for biz travel:
  - Tol (sp?) - 0.5cc - don't know what this is
  - Hep A#1, A#2
  - Hep B#1, B#2, B#3
  - IPV (Polio) - 5cc
  - Yellow Fever

Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken.
- Magnesium Chloride - 100mg
- Vit B12 - 1000mcg
- Vit D3 - 4000 IUs
- One-A-Day Men's 50+ multi-vitamin

Other information you feel may be relevant?

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

- Alexandria, VA - 2009 to present
- Raleigh, NC - 1994 to 2009
- Formative years were in Chicago and Waukegan, IL