DOCTOR'S DATA INC.

Toxic & Essential Elements; Hair

TOXIC METALS		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68th 95th
Aluminum	(Al)	1.9	< 7.0	
Antimony	(Sb)	0.010	< 0.066	
Arsenic	(As)	0.077	< 0.080	
Barium	(Ba)	0.27	< 1.0	
Beryllium	(Be)	< 0.01	< 0.020	
Bismuth	(Bi)	0.044	< 2.0	
Cadmium	(Cd)	< 0.009	< 0.065	
Lead	(Pb)	0.10	< 0.80	
Mercury	(Hg)	0.21	< 0.80	
Platinum	(Pt)	< 0.003	< 0.005	
Thallium	(Tl)	< 0.001	< 0.002	
Thorium	(Th)	< 0.001	< 0.002	
Uranium	(U)	0.18	< 0.060	
Nickel	(Ni)	0.02	< 0.20	
Silver	(Ag)	0.01	< 0.08	
Tin	(Sn)	0.03	< 0.30	
Titanium	(Ti)	0.31	< 0.60	
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5th 16th 50th 84th 97.5th
Calcium	(Ca)	435	200- 750	
Magnesium	(Mg)	41	25- 75	
Sodium	(Na)	17	20- 180	
Potassium	(K)	9	9- 80	
Copper	(Cu)	37	11- 30	
Zinc	(Zn)	200	130- 200	
Manganese	(Mn)	0.06	0.08- 0.50	
Chromium	(Cr)	0.41	0.40- 0.70	
Vanadium	(V)	0.041	0.018- 0.065	
Molybdenum	(Mo)	0.041	0.025- 0.060	
Boron	(B)	1.1	0.40- 3.0	
Iodine	(I)	0.62	0.25- 1.8	
Lithium	(Li)	< 0.004	0.007- 0.020	
Phosphorus	(P)	191	150- 220	
Selenium	(Se)	1.0	0.70- 1.2	
Strontium	(Sr)	1.1	0.30- 3.5	
Sulfur	(S)	49300	44000- 50000	
Cobalt	(Co)	0.004	0.004- 0.020	
Iron	(Fe)	5.8	7.0- 16	
Germanium	(Ge)	0.030	0.030- 0.040	
Rubidium	(Rb)	0.010	0.011- 0.12	
Zirconium	(Zr)	0.016	0.020- 0.44	

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
		Ca/Mg	10.6	4- 30
Date Collected: 01/07/2013	Sample Size: 0.2 g	Ca/P	2.28	0.8- 8
Date Received: 01/10/2013	Sample Type: Head	Na/K	1.89	0.5- 10
Date Completed: 01/12/2013	Hair Color: Black	Zn/Cu	5.41	4- 20
Methodology: ICP/MS	Treatment:	Zn/Cd	> 999	> 800
	Shampoo: Alaffia			

Health history for hair test 711

I would like to contribute the attached DDI hair test to your database. Having read both of Andy Cutlers books as well as numerous posts by Andy et al, and considering my symptoms/background, I am convinced (for the most part) that I have primary mercury issues and secondary adrenal/thyroid issues. Once added to the database, I would like to post a link to my test in the yahoo adult metal chelation group in order to hopefully get some guidance with a question I have regarding counting rule #4. In following Andy's rules to the letter of the law, it looks to me like my test meets rule #4. However, where I'm getting a little confused is that although K, Zn, Co, and Ge do fall into the "yellow", they barely do so (i.e, you have to zoom way in on the test to see the very tip of the line go out of the green into the yellow), and the results for each fall exactly onto one side or another of the reference interval. In looking at the case study examples in Andy's hair test book, when counting for rule #4, he counts any result that falls onto the reference interval as NOT leaving the green - and the tests he provides actually show the lines as such not leaving the green. It looks to me, by going through the DB on livingnetwork.co.za, that Doctors Data recently changed the way that the lines are displayed for results falling directly on one side or another of the reference interval. Previously, results that fell exactly on the high or low reference range stayed clearly in the green, and now results that fall directly on the reference range extend ever so slightly into the green.

There are many examples, but take for general example,

test #400: Selenium result is 1.2, which is directly on the high end of the reference interval, and the bar clearly stays in the green.
test #654: Germanium result is 0.030, which is the exact low end of the reference interval, and the bar goes slightly into the yellow.

Going by the "old" way of counting, my tests 4 elements that fall directly
onto the reference range would not technically leave the green and therefor I would not meet the counting rule. But zooming close onto my test, these elements do leave the green and I do then meet the rule. Im probably over-thinking it, but I figured I'd pose the question to both yourself and the group in an attempt to get closure =)

1. What are your current symptoms and health history? - Brain fog, low energy, brain and body "power outages" for 2-3 days after heavy exercise, cold hands/feet, low motivation, poor exercise tolerance.
2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc…) 7 amalgams placed from age 8 to 19. All 7 removed at age 25 without proper precautions and brain fog and most other symptoms increased greatly 6/12 months after.
3. What dental work do you currently have in place? What part of the dental clean-up have you completed? All amalgams replaced with porcelain.
4. What dentistry did your mother have at any time before or during pregnancy? - Many amalgams
5. What vaccinations have you had and when (including flu and especially travel shots)? All vaccinations as a child, many flu shots.
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? Many supplements taken throughout life attempting to self-diagnose. Multivitamin/mineral, DHA, cal/mag, acetyl-l-carnitine, health force liver rescue, health force intestinal movement formula, garden of life enzymes, garden of life primal defense.
7. What is your age, height and weight? 33, 5 foot 9, 165lb.
8. Other information you feel may be relevant? I also used to play with mercury as a child. My father worked for a hospital and would (innocently) bring me home vials to play with.

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