

HAIR ELEMENTS



PATIENT: Number 436
SEX: Female
AGE: 33
LOCATION: Manhattan, NY, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	3.0	< 7.0		
Antimony	0.019	< 0.050		
Arsenic	0.68	< 0.060		
Barium	1.3	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.010	< 2.0		
Cadmium	0.031	< 0.050		
Lead	0.18	< 0.60		
Mercury	1.6	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.012	< 0.060		
Nickel	0.12	< 0.30		
Silver	0.14	< 0.15		
Tin	0.58	< 0.30		
Titanium	0.43	< 0.70		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	455	300- 1200					
Magnesium	30	35- 120					
Sodium	160	20- 250					
Potassium	78	8- 75					
Copper	22	11- 37					
Zinc	150	140- 220					
Manganese	0.62	0.08- 0.60					
Chromium	0.34	0.40- 0.65					
Vanadium	0.038	0.018- 0.065					
Molybdenum	0.057	0.020- 0.050					
Boron	0.28	0.25- 1.5					
Iodine	0.46	0.25- 1.8					
Lithium	0.006	0.007- 0.020					
Phosphorus	171	150- 220					
Selenium	1.1	0.55- 1.1					
Strontium	1.1	0.50- 7.6					
Sulfur	49800	44000- 50000					
Cobalt	0.004	0.005- 0.040					
Iron	9.5	7.0- 16					
Germanium	0.031	0.030- 0.040					
Rubidium	0.078	0.007- 0.096					
Zirconium	0.041	0.020- 0.42					

SPECIMEN DATA

COMMENTS:
 Date Collected: 12/13/2010 Sample Size: 0.201 g
 Date Received: 12/18/2010 Sample Type: Head
 Date Completed: 12/21/2010 Hair Color:
 Client Reference: Treatment:
 Methodology: ICP-MS Shampoo:

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	15.2	4- 30
Ca/P	2.66	1- 12
Na/K	2.05	0.5- 10
Zn/Cu	6.82	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 436

1. Current symptoms include insomnia, depression, anxiety, extreme mood swings/crying spells, severe pms, joint pain, migraines, food intolerance, bloating, candida, irregular menses with v heavy bleeding, bad skin, hair, peripheral numbness/tingling, hemorrhoids, intermittent fatigue, problems with adrenaline, hypoglycemia,
 2. Wisdom teeth removed 7 years ago, site became infected. Had various amalgams put into baby teeth, then 4 placed in adult teeth age 21. Then had glandular fever/extreme fatigue for a year following this. Had biocompatibility test and replacement 4 months ago (aug 2010).
 3. I currently have 6 composite fillings.
 4. A mouth full of amalgam - about 12. May well have had work done during pregnancy. She cannot recall. Has also had many health probes since childhood.
 5. All childhood shots (whatever the schedule was in late 1970s). Various tropical vaccinations in 1996 for travel to Africa.
 6. Hair test taken 4 months following removal of amalgams. Had very horrible sx during previous 4 months. Taking intermittently various supps, including c, b, b12, mag, adrenal support, evening primrose, zinc, b6. Dmsa 12.5mg every 4 hrs for 3 days per week.
 7. 33 years, 123 pounds, 5 ft 6 inches.
 8. I demonstrated sx of poisoning of some kind at a very young age. Also have had hearing probes from early age. As well as maternal toxic load, I think this was then compounded by all the interventions containing mercury. Liver has always been compromised and I have experienced very marked depressive episodes since I was about 10 years old. This is very marked and is clearly a brain chemistry issue rather than anything external. Premenstrually it is much worse, although since amalgam removal there is no clear pattern (much worse psychiatric sx since removal as my body derides).
 9. Spent last 2 years in manhattan. Was much more ill during this time. I am fairly sure the drinking water may have contained something that added to my problems (perhaps arsenic, given my results).
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