

HAIR ELEMENTS



PATIENT: Number 71
SEX: Female
AGE: 37

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.4	< 7.0		
Antimony	0.013	< 0.050		
Arsenic	0.038	< 0.060		
Beryllium	< 0.01	< 0.020		
Bismuth	0.022	< 2.0		
Cadmium	0.058	< 0.10		
Lead	0.12	< 1.0		
Mercury	0.40	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.049	< 0.060		
Nickel	0.09	< 0.40		
Silver	0.12	< 0.15		
Tin	5.1	< 0.30		
Titanium	0.31	< 1.0		
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	795	300- 1200					
Magnesium	43	35- 120					
Sodium	12	12- 90					
Potassium	< 3	8- 38					
Copper	16	12- 35					
Zinc	170	140- 220					
Manganese	0.07	0.15- 0.65					
Chromium	0.38	0.20- 0.40					
Vanadium	0.019	0.018- 0.065					
Molybdenum	0.024	0.028- 0.056					
Boron	0.32	0.30- 2.0					
Iodine	4.2	0.25- 1.3					
Lithium	0.004	0.007- 0.023					
Phosphorus	169	160- 250					
Selenium	0.57	0.95- 1.7					
Strontium	2.9	0.50- 7.6					
Sulfur	45200	44500- 52000					
Barium	0.88	0.26- 3.0					
Cobalt	0.004	0.013- 0.050					
Iron	3.7	5.4- 14					
Germanium	0.041	0.045- 0.065					
Rubidium	< 0.003	0.007- 0.096					
Zirconium	0.13	0.020- 0.42					

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 3/18/2007	Sample Size: 0.202 g			Ca/Mg	18.5	4- 30
Date Received: 3/26/2007	Sample Type: Head			Ca/P	4.7	1- 12
Date Completed: 3/29/2007	Hair Color: Brown			Na/K	4	0.5- 10
	Treatment:			Zn/Cu	10.6	4- 20
Methodology: ICP-MS	Shampoo: Loreal			Zn/Cd	> 999	> 800

V06.99

Health history for hair test 71

29 March 2007

I wonder if someone could look over the hair test results for my Son and I. They are both at this link, numbers 71 and 72

My history: 37 years old.

ME/CFS/Fibro since 1995 following glandular fever. Prior to that was coming down with all manner of viruses and bacteria. After that was never the same; Also have adult ADHD and a hypermobility syndrome.

Prior to that was working as a nurse. dropped a few thermometers in my time too! Mouth full of amalgams since childhood - many drilled out and replaced, swallowed etc. Have recently had the last ones removed but still have one crown left for a couple more weeks; Had a root filling many years ago which had to be redone twice before I insisted on having it pulled. No problems with it since and now have a Titanium implant. (recent MELISA test showed no problem with titanium.) Hypothyroid, hypoadrenal (primary Addison's), low in most other hormones, low ferritin, low zinc. Recent MELISA test showed allergy to aluminium.

Medication when hair sample was taken: Armour Thyroid 1 grain, L-thyroxine 50mcgs, DHEA 10mgs, Fludrocortisone 75mcgs, growth hormone (Nordipen 0.2 mgs), vitamin A 100000iu, Duphaston 1-2 tablets changing throughout the cycle, oestrogen 1 pump days 5-15, testosterone gel 1/3 pump every other day, iron 150mgs, Zinc 30mgs, digestive enzymes with bhcl (NOW super enzymes), coconut oil capsule with dinner, three lac 2 sachets day, Dr O'hara's probiotics and vitamin C 4G daily. (phew!)

Medication added since hair test: Chromium 200mgs with each meal for blood sugar control, magnesium 450mgs at night, another coconut oil capsule, 200mgs co-enzyme Q10, vitamin B complex and fish oils.

Also, have taken a course of B12 which finished a couple of months ago. Not yet chelating but can't wait to start although also very scared. Fed up and depressed but happy that I have finally got to this point in knowing what I can do!

Son: Age 16 ADD, hypermobility syndrome, primary Addison's. Is also low in testosterone. Was prone to fainting and couldn't stand for more than a couple of minutes prior to treatment for this which was only in the last couple of months. Low blood sugar when swimming aggressively. MELISA test recently showed allergy to aluminium, gluten and cows milk and a big problem with molybdenum.

Dental history: No amalgam fillings. However, a couple of years ago he went to see a dentist with pain on biting on his lower teeth in the same spot each side. This dentist in all his wisdom decided that he needed two root canal fillings (without any proof) and despite my questioning was very insistent. He managed to drill one root before I stepped in and put a stop to it. It turned out that the pain was simply caused by teeth grinding at night! Of course by this time it was too late to save this tooth. The dentist (in the UK) would only put an amalgam in my son's tooth. At this point I kicked up a stink and managed to get them to pay a private dentist to complete the work with white filling material. It now seems that this is probably where the allergy to molybdenum is coming from!

Medication when hair test done: Armour 3 grains, hydrocortisone 10mgs, vitamin C 2G, Iron 100mgs, B6, probiotics, digestive enzymes.

Medication added since test: Hydrocortisone 30mgs, flonid 200mgs, DHEA 20mgs, vitamin C 4G, fish oils, zinc 50mgs, magnesium 400mgs.

I hope this is enough information! I am really grateful in advance for your opinions.