

HAIR ELEMENTS



PATIENT: Number 444
SEX: Female
AGE: 35
LOCATION: Country Victoria (Gippsland), Australia

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	3.0	< 7.0		
Antimony	< 0.01	< 0.050		
Arsenic	0.022	< 0.060		
Barium	3.9	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.011	< 2.0		
Cadmium	0.041	< 0.050		
Lead	0.18	< 0.60		
Mercury	< 0.03	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.001	< 0.060		
Nickel	0.13	< 0.30		
Silver	0.06	< 0.15		
Tin	0.71	< 0.30		
Titanium	0.47	< 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	285	300- 1200					
Magnesium	50	35- 120					
Sodium	19	20- 250					
Potassium	6	8- 75					
Copper	8.3	11- 37					
Zinc	280	140- 220					
Manganese	0.06	0.08- 0.60					
Chromium	0.34	0.40- 0.65					
Vanadium	0.012	0.018- 0.065					
Molybdenum	0.035	0.020- 0.050					
Boron	0.19	0.25- 1.5					
Iodine	0.34	0.25- 1.8					
Lithium	0.004	0.007- 0.020					
Phosphorus	209	150- 220					
Selenium	0.93	0.55- 1.1					
Strontium	1.1	0.50- 7.6					
Sulfur	49300	44000- 50000					
Cobalt	0.003	0.005- 0.040					
Iron	12	7.0- 16					
Germanium	0.036	0.030- 0.040					
Rubidium	0.011	0.007- 0.096					
Zirconium	0.030	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: Sample Size: **0.196 g**
 Date Received: **2/20/2010** Sample Type: **Head**
 Date Completed: **2/22/2010** Hair Color:
 Client Reference: Treatment:
 Methodology: **ICP-MS** Shampoo:

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	5.7	4- 30
Ca/P	1.36	1- 12
Na/K	3.17	0.5- 10
Zn/Cu	33.7	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 444

1. What are your current symptoms and health history?

My son has ASD, so it was only through chasing answers for him that I happened to stumble upon answers for my own lingering health issues as well.

History includes recurrent chest infections, 'always sick' with something, anxiety, depression, infertility, hypoglycaemic symptoms, angry outbursts (in private), struggle to get out of bed, less stamina than others.

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

Did have 4? Amalgams.

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

I am amalgam free, though correct protocol was not followed.

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

My mother has an absolute mouth full of amalgams. Even as a kid, I'd always be intrigued as to just how full her mouth was of 'this silver stuff'.

She can't recall when and how many she has. Her history with amalgams dates back to primary school. Her history is bad depression, bad anxiety, brain fog, stress intolerance etc for as long as I can remember.

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

No flu or travel shots. Just the usual 10 vaccinations we were all given back then.

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

Nothing much, really. Never really was consistent with taking anything. However, I did take a multi that contained copper, manganese and iron. I don't now!

7. What is your age, height and weight?

I am now almost 37, 165cm and very overweight (lots of stress eating).

8. Other information you feel may be relevant?

Hospitalised with severe Glandular fever as a teenager. Took many years to feel half normal again. I was always tired. My parents weren't open to supplements or good, healthy meals so I just gradually healed over time. I don't believe I ever got back to where I was. Never reached 100% - less stamina than others.

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

Australia. Born in Melbourne and at the age of 13 moved to country Victoria (Gippsland) at the age of 13. I've been here ever since am raising 2 beautiful, but mercury toxic boys – one is ASD.