

# HAIR ELEMENTS



**PATIENT: Number 413**  
**SEX: Female**  
**AGE: 40**  
**LOCATION: New York City, New York, USA**

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	3.0	< 7.0		
Antimony	< 0.01	< 0.050		
Arsenic	0.099	< 0.060		
Barium	0.26	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.024	< 2.0		
Cadmium	0.031	< 0.050		
Lead	0.19	< 0.60		
Mercury	0.24	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.003	< 0.060		
Nickel	0.07	< 0.30		
Silver	0.01	< 0.15		
Tin	0.10	< 0.30		
Titanium	0.59	< 0.70		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS							
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>
Calcium	180	300- 1200					
Magnesium	12	35- 120					
Sodium	21	20- 250					
Potassium	28	8- 75					
Copper	18	11- 37					
Zinc	150	140- 220					
Manganese	0.41	0.08- 0.60					
Chromium	0.65	0.40- 0.65					
Vanadium	0.11	0.018- 0.065					
Molybdenum	0.094	0.020- 0.050					
Boron	1.4	0.25- 1.5					
Iodine	0.99	0.25- 1.8					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	157	150- 220					
Selenium	1.2	0.55- 1.1					
Strontium	0.08	0.50- 7.6					
Sulfur	45400	44000- 50000					
Cobalt	0.004	0.005- 0.040					
Iron	12	7.0- 16					
Germanium	0.032	0.030- 0.040					
Rubidium	0.025	0.007- 0.096					
Zirconium	0.32	0.020- 0.42					

SPECIMEN DATA			RATIOS		
<b>COMMENTS:</b>			<b>ELEMENTS</b>	<b>RATIOS</b>	<b>EXPECTED RANGE</b>
Date Collected:	Sample Size:	0.205 g	Ca/Mg	15	4- 30
Date Received: 9/16/2010	Sample Type:	Head	Ca/P	1.15	1- 12
Date Completed: 9/17/2010	Hair Color:	Brown	Na/K	0.75	0.5- 10
Client Reference: 1244289	Treatment:		Zn/Cu	8.33	4- 20
Methodology: ICP-MS	Shampoo:	Nexus	Zn/Cd	> 999	> 800

V010.08

## **Health history for hair test 413**

### **What are your current symptoms and health history?**

fatigue that is excruciating beginning REALLY CLEARLY at age 14 I remember getting off of the school bus at 3p feeling like I could barely make it home. years of battling candida. blood sugar gone wild (not helped by being addicted to doughnuts/ice cream to get myself to get myself both going and to get myself to pass out to sleep). my hormones are all over the place so everything is constantly going up and down. and I mean more than just moods, I mean my energy levels are so erratic it is shocking. I can really go and then I can't move.

for over a month I have not eaten sugar, grains, or high sulfur foods...and feel MUCH better but still DEFINITELY have something going on.

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

all 4 wisdom teeth removed when I was 24 (16 years ago). no root canals. no braces, though did wear a retainer for a couple years. First amalgam, I was probably 6 or 7 years old. all 6 of my amalgams were in my mouth by the age of 12 (year: 1982) and have stayed there up until two and a half years ago with the final tooth removed 3 weeks ago.

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

I had 5 amalgams removed 2 and a half years ago...and my FINAL amalgam removed August 31, 2010. so I am now amalgam free and the hair test was taken 12 days after final amalgam was removed.

What dentistry did your mother have at any time before or during pregnancy?  
not sure about during, but she has a mouth full of mercury fillings that she got BEFORE I was born.

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

no flu shots, ever...and my last travel shots from 9 years ago:  
yellow fever  
hep A  
Typhoid  
Tetanus  
Polio  
Diphtheria

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

no medications taken in last 6 months before sample (in fact haven't taken a prescription in many many years for anything).

supplements would be- zeolite, humaworm parasite cleanser, IP-6

**What is your age, height and weight?**

I am 40. 5 feet 8. 135 pounds.

**Other information you feel may be relevant?**

I went to extraordinary ends TO MAKE SURE that the hair samples I sent in did not have ANY of my bleached hair included ...and I can't read the results the way you do. but seeing ARSENIC really high...I just pray that no strands with hair bleach on them made it in that might affect that number. I just want to make sure that any possible explanations are considered before...I panic about that. :)

I definitely believe I have mercury poison and plan on doing andy cutler's protocol of DMSA and ALA.

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

New York City, New York- USA for the last 20 years

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I have andy's mercury and his hair analysis test books so am eager to use what you share to help me navigate this puzzle.