HAIR ELEMENTS



PATIENT: Number 355

SEX: Male AGE: 38

LOCATION: Folsom, California, USA

TOXIC RESULT REFERNCE RANGE 68* 95* 95* 95* 95* 95* 95* 95* 95* 95* 95			POTENTIA			IEMENTS			
REMENTS	TOXIC	RESULT		L	TOXICL	LLIVILIVIO		F	
Antiminam						68			
Antimony	_				<u> </u>		<u> </u>	30	
Arsenic						······································	·····		
ReyNithin							·····		
Bismuth				 	······	······································	·····		
Cadmium					······································	······································	·····		
Nercuty 5.3 5.3 5.1 1.1 1.2						······································	·····		
Mercury						<mark>.</mark> .			
Platinum							·····	······································	
Thailium	•								
Thorium				······	······		·····		
Uranium				·····	······································	······································	·····		
Nickel							·····		
Silver							·····		
Titanium								······	
Titanium									
Total Toxic Representation									
RESULT REFRENCE Lug/g RANGE RANGE Loft		•	, 1.0			·····			
RESULT RANGE 2.5th 16th 50th 50t	Total Toxic Represen	itation	ECCENTIAL	A NII	OTHER	EL EMENIT	·c		
Calcium		DEGULT		ANI	JUINER	CLCWICNI		_	
Calcium	=: =:==:==				.th	. ath			4th a= =th
Magnesium				2.5	jun	16**	50***	84	4"' 97.5"'
Solitim									
Potassium									
Copper 12 9.0 - 26 <th< td=""><td></td><td></td><td></td><td>ļ</td><td>•••••</td><td></td><td></td><td></td><td></td></th<>				ļ	•••••				
Tinc				ļ	•••••				
Manganese							•		
Chromium									
Vanadium				ļ					
Molybdenum				ļ	•••••				
Boron 0.41 0.70				ļ	•••••				
Iodine							•		
Lithium									
Phosphorus				ļ	•••••				
Selenium 1.2 0.95- 1.7 • Strontium 2.3 1.0- 6.0 Sulfur 42400 42000- 49000 Sulfur 42400 42000- 49000 Sulfur 42400 42000- 49000 Sulfur Sulfur 42400 42000- 49000 Sulfur Sulfur 8000 </td <td></td> <td></td> <td></td> <td>ļ</td> <td>•••••</td> <td></td> <td></td> <td></td> <td></td>				ļ	•••••				
Strontium				ļ					
Sulfur					•••••		•		
Barium									
Cobalt 0.034 0.013 - 0.050 Iron 7.6 5.8 - 14 Germanium 0.035 0.045 - 0.065 Rubidium 0.018 0.030 - 0.25 Zirconium 0.43 0.040 - 1.0 SPECIMEN DATA COMMENTS: Date Collected: Sample Size: 0.199 g ELEMENTS RATIOS Date Received: 4/29/2008 Sample Type: Pubic Ca/Mg 2.53 4 - 30 Date Completed: 5/1/2008 Hair Color: Ca/P 2.21 0.8 - 8 Treatment: Na/K 4.06 0.5 - 10 Methodology: ICP-MS Shampoo: Zn/Cu 14.2 4 - 20									
Tron									
Rubidium									
Rubidium 0.018 0.030- 0.25 Zirconium 0.43 0.040- 1.0 SPECIMEN DATA COMMENTS: Date Collected: Sample Size: 0.199 g ELEMENTS RATIOS RANGE Date Received: 4/29/2008 Sample Type: Pubic Ca/Mg 2.53 4- 30 Date Completed: 5/1/2008 Hair Color: Ca/P 2.21 0.8- 8 Treatment: Na/K 4.06 0.5- 10 Methodology: ICP-MS Shampoo: Zn/Cu 14.2 4- 20									
Communication Communicatio									
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Methodology: ICP-MS Treatment: Na/K 4.06 0.5-10 Methodology: ICP-MS Shampoo: Zn/Cu 14.2 4-20	Date Completed: 5/	/1/2008					Ca/P		
Michigan Spirit and Sp	_		Treatment:				Na/K	4.06	
	Methodology: IC	CP-MS	Shampoo:				Zn/Cu	14.2	
						V06.99	Zn/Cd	> 999	> 800

HAIR ELEMENTS



PATIENT: Number 355a

SEX: Male AGE: 40

TOXIC RESULT REFERENCE	POTENTIALLY TOXIC ELEMENTS										
Antiminum	TOXIC	RESULT	REFERENCE			PERCENTI	LE				
Aluminum	ELEMENTS	μg/g	RANGE		68	th	95 th				
Arsenic	Aluminum		< 7.0								
Barium	Antimony		< 0.066								
Barlum	Arsenic		< 0.080								
Bisnuth	Barium		< 1.0			······					
Cadmium	Beryllium	< 0.01	< 0.020			······································					
Mercury	Bismuth	0.029	< 2.0	•							
Mercury	Cadmium	0.019	< 0.065	_		_					
Platinum	Lead	0.16	< 0.80	_				""			
Thailium	Mercury	0.67	< 0.80								
Thorium	Platinum	< 0.003	< 0.005								
Variation Var	Thallium	< 0.001	< 0.002					""			
Nickel	Thorium	< 0.001	< 0.002								
Silver	Uranium	0.008	< 0.060	_							
Titanium 0.05 < 0.30 < 0.60	Nickel	0.03	< 0.20	_							
Titanium	Silver	0.02	< 0.08	_							
Total Toxic Representation	Tin	0.07	< 0.30	_							
RESULT REFERENCE RESULT REFERENCE RANGE 2.5" 16" 50" 84" 97.5"	Titanium	0.35	< 0.60								
RESULT RANGE 2.5th 16th 50th 84th 97.5th 97.5th 16th 50th 84th 97.5th 16th 1	Total Toxic Represent	ation			-						
RESULT RANGE 2.5th 16th 50th 84th 97.5th 97.5th 16th 50th 84th 97.5th 16th 1			ESSENTIAL	AND OTHER	ELEMENT	·s					
Calcium		PESIII T					l F				
Calcium	FI EMENTS			2 5 th	16 th			∕ th 97.5 th			
Magnesium 24 25 - 75				2.0	10	30		7 37.0			
Sodium								••••••••••••••••••••••••••••••••••••••			
Potassium											
Copper											
Tinc											
Manganese 0.10 0.08- 0.50 Chromium Vanadium 0.031 0.018- 0.065 Image: Company of the											
Chromium								······			
Vanadium 0.031 0.018- 0.065 Secondary Boron 2.6 0.40- 3.0 3.0		_									
Molybdenum											
Boron 2.6											
Iodine											
Lithium 0.004 0.007- 0.020 Benium 1.0 0.70- 1.2 Selenium 1.0 0.70- 1.2 Selenium 1.0 0.70- 1.2 Selenium 1.0 0.70- 1.2 Selenium 0.59 0.30- 3.5 Selenium Selenium 0.59 0.30- 3.5 Selenium Selenium 0.005 0.004- 0.020 Selenium Selenium 0.005 0.004- 0.020 Selenium Selenium 0.005 0.004- 0.020 Selenium		_									
No.phorus											
Selenium											
Strontium 0.59 0.30- 3.5 Sulfur 47000 44000- 50000 Cobalt 0.005 0.004- 0.020 Iron 8.4 7.0- 16 Germanium 0.029 0.030- 0.040 Rubidium 0.046 0.011- 0.12 Zirconium 0.29 0.020- 0.44 SPECIMEN DATA COMMENTS: Date Collected: 6/8/2009 Sample Size: 0.198 g ELEMENTS RATIOS Ca/Mg 12 4- 30 Date Completed: 6/11/2009 Sample Type: Head Ca/Mg 12 4- 30 Date Completed: 6/13/2009 Hair Color: Black Ca/P 1.58 0.8- 8 Client Reference: Treatment: Na/K 2.81 0.5- 10 Methodology: ICP-MS Shampoo: Zn/Cu 12.7 4- 20											
Sulfur											
Cobalt 0.005 0.004-0.020 Iron 8.4 7.0- 16 Germanium 0.029 0.030-0.040 Rubidium 0.046 0.011-0.12 Zirconium 0.29 0.020-0.44 SPECIMEN DATA COMMENTS: Date Collected: 6/8/2009 Sample Size: 0.198 g Date Received: 6/11/2009 Sample Type: Head Ca/Mg 12 4-30 Date Completed: 6/13/2009 Hair Color: Black Ca/P 1.58 0.8-8 Client Reference: Treatment: Na/K 2.81 0.5-10 Methodology: ICP-MS Shampoo: Zn/Cu 12.7 4-20											
Tron					_						
Rubidium 0.029 0.030 - 0.040								•			
Rubidium					<u></u>						
Communication Communicatio											
SPECIMEN DATA RATIOS											
COMMENTS: EXPECTED Date Collected: 6/8/2009 Sample Size: 0.198 g ELEMENTS RATIOS RANGE Date Received: 6/11/2009 Sample Type: Head Ca/Mg 12 4-30 Date Completed: 6/13/2009 Hair Color: Black Ca/P 1.58 0.8-8 Client Reference: Treatment: Na/K 2.81 0.5-10 Methodology: ICP-MS Shampoo: Zn/Cu 12.7 4-20	Zacomun						DATION				
Date Collected: 6/8/2009 Sample Size: 0.198 g ELEMENTS RATIOS RANGE Date Received: 6/11/2009 Sample Type: Head Ca/Mg 12 4-30 Date Completed: 6/13/2009 Hair Color: Black Ca/P 1.58 0.8-8 Client Reference: Treatment: Na/K 2.81 0.5-10 Methodology: ICP-MS Shampoo: Zn/Cu 12.7 4-20	00141451:50	S	PECIMEN DATA				RATIOS	EVDEATER			
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Client Reference: Treatment: Na/K 2.81 0.5-10 Methodology: ICP-MS Shampoo: Zn/Cu 12.7 4-20											
Methodology: ICP-MS Shampoo: Zn/Cu 12.7 4- 20				Black							
Wethodology. 101 Mb Shampoo.											
V010.08 Zn/Cd > 999 > 800	Methodology: IC	P-MS	Shampoo:								
					V010.08	Zn/Cd	> 999	> 800			

Health history for hair test 355

8 June 2009

1) What are your current symptoms and health history?

Great difficulty concentrating.

Chronic fatigue.

Mentally disabled.

Irritability

Sleep apnea is, as far as I can tell, gone or significantly reduced.

Got diagnosed with Asthma around December 2005. Last symptom in March 2008. Cured now.

Obesity from 1996 until 2007, and from 2008 to 2009.

Before 2001, health history was mostly good (other than obesity).

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

Had amalgam fillings since my teens.

Wisdom teeth removed when I was 18 or 19, along with a molar extraction.

- 4 more extractions when I was 20 to make room for orthodontic work.
- 3 root canals (upper front teeth). Probably done when I was 25.

Several crowns and one bridge, including 3 crowns and the bridge placed on top of not completely removed amalgam fillings.

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

Several crowns and one bridge, including 3 crowns and the bridge placed on top of not completely removed amalgam fillings.

2 dental implants (titanium), crowned wit LAVA post crowns (made of Zirconimum). The bridge and a few other crowns are LAVA post too. Older crowns are made of an alloy including Nickle I believe.

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

I don't know.

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

Had a few vaccinations when I was in primary school. They included the one against Tuberculosis.

Had a few more vaccins when I turned 18 (required by the school I started attending in France). They included the one against Polio.

Had a couple more vaccins when I was 24 (required to attend a university in Texas).

I had a flu shot when I was 29.

Had a couple more vaccins when I was 33 (required to get the green card).

I had about 8 months of allergy shots, almost weekly.

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

Several supplements, including DMSA in high doses once per week-end day, alpha lipoic acid in high doses at random times, melatonin, multi-vitamin, VitaXan, ZingoMin, B12, pottassium, DHEA, Zinc. No medications.

7) What is your age, height and weight?

40, 5'11, 210 lbs.

8) Other information you feel may be relevant?

I had 5 monthly injections of DMPS from May through September 2008. The last injection was a challenge test.

History for subsequent hair test on 29 April 2008

1) What are your current symptoms and health history?

Insomnia since 2002.

Chronic fatigue

Irritability

Sleep apnea

Got diagnosed with Asthma around December 2005. Last symptom as recent as March 2008.

Obesity from 1996 until 2007.

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

Had amalgam fillings since my teens.

Wisdom teeth removed when I was 18 or 19, along with a molar extraction.

4 more extractions when I was 20 to make room for orthodontic work.

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I don't know.

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I had a flu shot when I was 29.

Had a couple more vaccins when I was 33 (required to get the green card).

I had about 8 months of allergy shots, almost weekly.

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

Several supplements, including Releana (a sublingual hCG), melatonin, multi-vitamin, VitaXan, ZingoMin, B12, pottassium, DHEA, Zinc. No medication, other than maybe Releana (not sure if it's a medication or supplement).

7) What is your age, height and weight?

38 (almost 39), 5'11, 160 lbs.

8) Other information you feel may be relevant?

I lost a net of 55 pounds, mostly fat, in the 180 days preceding the test. That's the peak to through loss. That included 60 days during which I lost about a pound a day, mostly fat. That probably release a lot of stored mercury from my fat cells to my blood stream.

I was also using a couple of very hot baths per week, from November 2007 to the test day. I was monitoring the bath temperature with a water resistant thermometer. There is a chance some mercury was released from the thermometer.

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

Folsom, California, USA.