

PATIENT: Number 737 SEX: Male AGE: 31

Toxic & Essential Elements; Hair

RESULT Bigg REFERENCE NUMERAL REFERENCE Bigg Defective Bigg Defective Bigg <thdefective Bigg <thdefective Bigg</thdefective </thdefective 			ΤΟΧΙϹ Μ	ETALS				
Autimony (A) 3.7 7.0 Antimony (Sb) 0.014 <0.056					PERCENTILE			
Arisenic (As) 0.014 < 0.066			μg/g	INTERVAL	6	8 th 9	5 th	
Arsenic (As) 0.043 < 0.080								
Barlum (Ba) 0.07 < 1.0 Beryllium (Be) <					-			
Bergulium (Be) < 0.01 < 0.020 Bismuth (Bi) 0.11 < 2.0		1 -1						
Bismuth (Bi) 0.11 < 2.0 Cadmium (Cd) < 0.009	1	1 1			•			
Cadmium (Cd) < 0.099 < 0.055 Lead (Pb) 0.07 < 0.80				< 0.020				
Lead (Pb) 0.07 < 0.80 Mercury (Hg) 0.47 < 0.80	Bismuth	(Bi)	0.11	< 2.0	•			
Mercury (Hg) 0.47 < 0.80 Platinum (Pt) < 0.003	Cadmium	(Cd)	< 0.009	< 0.065				
Platinum (Pi) < 0.003 < 0.005 Thallum (T) < 0.001	Lead	(Pb)	0.07	< 0.80	-			
Thallium (Ti) < 0.001 < 0.002 Thorium (Ti) < 0.001 < 0.002 Uranium (U) 0.004 < 0.002 Nickel (Ni) 0.03 < 0.20 Silver (Ag) 0.02 < 0.08 Tin (Sn) 0.03 < 0.20 Total Toxic Representation ESSENTIAL AND OTHER ELEMENTS Percentue RESULT REFERENCE 2.5° 16° 50° 84° 97 Galcium (Ca) 279 200-750 50° Sodium (Na) 25 20-180 97 Sodium (Na) 25 20-180 97 Optassium (K) 7 9-80 97 Zinc (Zn) 200 130-200 90 90 Magnese (Mn) 0.03 0.08-0.50 90 Chromum (Cr) 0.39 0.02-0.180 90 90 Molybdenum (Mo) 0.023 0.02-0.180 90 90 Boron (B) 3.2 0.40-0.70 90 90 <td>Mercury</td> <td>(Hg)</td> <td>0.47</td> <td>< 0.80</td> <td></td> <td></td> <td></td>	Mercury	(Hg)	0.47	< 0.80				
Thorium (Th) < 0.001 < 0.002 Uranium (U) 0.004 < 0.060	Platinum	(Pt)	< 0.003	< 0.005				
Uranium (U) 0.004 < 0.060 Nickel (Ni) 0.03 < 0.20 < 0.00 Silver (Aq) 0.02 < 0.00 Tin (Sn) 0.03 < 0.30 < 0.30 Titanium (Ti) 0.29 < 0.60 Total Toxic Representation ESSENTIAL AND OTHER ELEMENTS Percentue 2.5° 16° 50° 84° 97 Calcium (Ca) 279 200-750 5 5 60° 84° 97 Calcium (Mg) 30 25-75 75 5 6 75 Sodium (Na) 25 20-180 9 80 6 6 Optassium (K) 7 9-80 6 6 7 Calcium (Ca) 15 11-30 20 80 6 7 Cance (Zn) 200 136 0.065 7 7 7 7 9	Thallium	(TI)	< 0.001					
Nickel (Ni) 0.03 < 0.20 Silver (Ag) 0.02 <	Thorium	(Th)	< 0.001	< 0.002				
Silver (Ag) 0.02 < 0.08 Tin (Sn) 0.03 <	Uranium	(U)	0.004	< 0.060	•			
Tin (Sn) 0.03 < 0.30 Titanium (Ti) 0.29 < 0.60 Total Toxic Representation ESSENTIAL AND OTHER ELEMENTS PERCENTILE RESULT REFERENCE INTERVAL 2.5 th 6 th 97 Calcium (Ca) 279 200- 750 PERCENTILE Sodium (Mg) 30 25- 75 Sodium Percentile 84 th 97 Sodium (Na) 25 20- 180 Percentile 84 th 97 Magnesium (K) 7 9- 80 Sodium Protassium C(Data Stream) Protassium	Nickel	(Ni)	0.03	< 0.20	-			
Titanium (Ti) 0.29 < 0.60 Total Toxic Representation ESSENTIAL AND OTHER ELEMENTS RESULT µd/g REFERENCE INTERVAL PERCENTILE 2.5 th 16 th 50 th 84 th 97 Calcium (Ca) 75 Magnesium (Mg) 30 200 - 750 Sodium (Na) 25 200 - 750 Sodium (Na) 25 200 - 750 Potassium (K) 7 9 - 80 Copper (Cu) 15 11 30 Manganese (Mn) 0.03 0.08 - 0.050 Manganese (Mn) 0.025 - 0.060 Boron (B) 3.2 0.025 - 0.060 Boron (B) 3.2 0.025 - 0.060 Boron (B) 3.2 0.025 - 0.060 Boron (B) <th colspa<="" td=""><td>Silver</td><td>(Ag)</td><td>0.02</td><td>< 0.08</td><td>-</td><td></td><td></td></th>	<td>Silver</td> <td>(Ag)</td> <td>0.02</td> <td>< 0.08</td> <td>-</td> <td></td> <td></td>	Silver	(Ag)	0.02	< 0.08	-		
ESSENTIAL AND OTHER ELEMENTS ESSENTIAL AND OTHER ELEMENTS RESULT REFERENCE INTERVAL INTERVAL Magnesium (Calcium (Calcium (Mg) 300 - 750 Sodium (Mg) 300 - 750 Sodium (Magnesium (K) 7 Sodium (Na 200 - 750 Potassium (K) 7 9 800 Colper (Cu) 15 100 Magnesse (Mn) 0.03 0.048 - 0.50 Malguese (Mn) 0.025 - 0.060 Molybdenum (Mo) 0.029 0.025 - 0.060 Molybdenum (Mo) 0.029 0.025 - 0.060 Molybdenum (Mo) 0.020 <th colsp<="" td=""><td>Tin</td><td>(Sn)</td><td>0.03</td><td>< 0.30</td><td>•</td><td></td><td></td></th>	<td>Tin</td> <td>(Sn)</td> <td>0.03</td> <td>< 0.30</td> <td>•</td> <td></td> <td></td>	Tin	(Sn)	0.03	< 0.30	•		
ESSENTIAL AND OTHER ELEMENTS RESULT ug/g REFERNCE INTERVAL INTERVAL 2.5 th 75 th Calcium (Ca) 279 200 - 750 50 th 84 th 97 Magnesium (Mg) 30 25 - 75 50 th 84 th 97 Sodium (Na) 25 20 - 180 50 th 84 th 97 Potassium (K) 7 9 - 80 50 th 84 th 97 Zinc (Cu) 15 11 - 30 50 th	Titanium	(Ti)	0.29	< 0.60				
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RESULT REFERENCE INTERVAL 2.5 th PERCENTLE 50 th								
Calcium (Ca) 279 200- 750 Magnesium (Mg) 30 25- 75 Sodium (Na) 25 20- 180 Potassium (K) 7 9- 80 Copper (Cu) 15 11- 30 Zinc (Zn) 200 130- 200 Magnaese (Mn) 0.03 0.08- 0.50 Chromium (Cr) 0.39 0.40- 0.70 Vanadium (V) 0.024 0.018- 0.65 Molybdenum (Mo) 0.029 0.025- 0.60 Boron (B) 3.2 0.40- 3.0 Iodine (I) 5.4 0.25- 1.8 Lithium (Li) < 0.004 0.007- 0.20 Phosphorus (P) 186 150- 220 Selenium (Se) 0.9800 44000- 50000 0.041- Cobalt (Co)			RESULT	REFERENCE	a sthe deth		84 th 97.5 th	
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Iron (Fe) 5.6 7.0- 16 Germanium (Ge) 0.034 0.030- 0.040 Rubidium (Rb) 0.007 0.011- 0.12 Zirconium (Zr) 2.0 0.020- 0.44 COMMENTS: ELEMENTS RATIOS RATIOS Date Collected: 02/22/2013 Sample Size: 0.198 g Ga/P 1.5 0.8- Date Received: 02/26/2013 Sample Type: Head Na/K 3.57 0.5-								
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Zirconium (Zr) 2.0 0.020-0.44 Elements RATIOS COMMENTS: ELEMENTS RATIOS RAN Ca/Mg 9.3 4- Date Collected: 02/22/2013 Sample Size: 0.198 g Ca/Mg 9.3 4- Date Received: 02/26/2013 Sample Type: Head Na/K 3.57 0.5-								
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COMMENTS: ELEMENTS RATIOS RAM Date Collected: 02/22/2013 Sample Size: 0.198 g Ca/Mg 9.3 4- Date Received: 02/26/2013 Sample Type: Head Na/K 3.57 0.5-	Zirconium	(Zr)	2.0	0.020- 0.44				
Ca/Mg 9.3 4- Date Collected: 02/22/2013 Sample Size: 0.198 g Ca/P 1.5 0.8- Date Received: 02/26/2013 Sample Type: Head Na/K 3.57 0.5-		SPECIMEN	DATA			RATIOS		
Date Collected: 02/22/2013 Sample Size: 0.198 g Ca/P 1.5 0.8- Date Received: 02/26/2013 Sample Type: Head Na/K 3.57 0.5-	COMMENTS:				ELEMENTS	RATIOS	RANGE	
Date Received: 02/26/2013 Sample Claimer of S					Ca/Mg	9.3	4- 30	
Date Received: 02/26/2013 Sample Type: Head Na/K 3.57 0.5-	Date Collected: 02/22/2013	S	ample Size: 0.198 g	r	Ca/P	1.5	0.8- 8	
	Date Received: 02/26/2013		•		Na/K	3.57	0.5- 10	
Date Completed: 03/01/2013 Hair Color: Zh/Cu 13.3 4-	Date Completed: 03/01/2013		air Color:		Zn/Cu	13.3	4- 20	
	-						> 800	
Shampoo:		SI	hampoo:				•	

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Health history for hair test 737

- 1. What are your current symptoms and health history? general anxiety, chronic fatigue (especially from exercise), difficulty getting restful sleep, brain fog, a little depression, chemical allergies (aspartame, high fructose corn syrup, maltodextrin, etc.), low testosterone
- 2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) I had braces 16 years ago. I had multiple amalgam filling, but had the last one removed 14 months ago. I've had 3 root canals one of them I had to have redone multiple times and had an abscess tooth as a result. Two of the root canals have crowns. First root canal was probably 16 years ago. First amalgam was when I was a child (20+ years ago).
- 3. What dental work do you currently have in place? What part of the dental clean-up have you completed? I only have crowns in place now. No amalgam fillings
- 4. What dentistry did your mother have at any time before or during pregnancy? I'm not sure. She could have had multiple amalgam fillings
- 5. What vaccinations have you had and when (including flu and especially travel shots)? I have not had any vaccinations in 10+ years. I've had all of the recommended vaccinations before that. I haven't had a flu shot in 5 years.
- 6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? I did DMSA 12.5mg according to Cutler protocol for 6 weeks before test. I did Pectasol multiple times last year. I take many different supplements, including: Vitamin C, Taurine, NAC, HCG (for testosterone usually only once a week), adrenal cortex, niacinamide, B12, Gui Pi Wan, Probiotic, Super Oxide Dismutase, Melatonin, Vitamin E, Milk Thistle
- 7. What is your age, height and weight? Age 31, 6'2", 200 pounds.
- 8. Other information you feel may be relevant?
- 9. What is your location city & country (so that we can learn where certain toxins are more prevalent). New York, USA