

# HAIR ELEMENTS



**PATIENT: Number 328**  
**SEX: Male**  
**AGE: 52**  
**LOCATION: Kansas City, USA**

## POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	8.2	< 7.0		
Antimony	0.018	< 0.066		
Arsenic	0.047	< 0.080		
Barium	2.0	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.11	< 2.0		
Cadmium	0.070	< 0.065		
Lead	2.1	< 0.80		
Mercury	0.15	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.11	< 0.060		
Nickel	0.10	< 0.20		
Silver	0.04	< 0.08		
Tin	0.22	< 0.30		
Titanium	0.46	< 0.60		
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	870	200- 750					
Magnesium	62	25- 75					
Sodium	36	20- 180					
Potassium	27	9- 80					
Copper	11	11- 30					
Zinc	170	130- 200					
Manganese	0.15	0.08- 0.50					
Chromium	0.45	0.40- 0.70					
Vanadium	0.053	0.018- 0.065					
Molybdenum	0.032	0.025- 0.060					
Boron	1.2	0.40- 3.0					
Iodine	1.9	0.25- 1.8					
Lithium	0.005	0.007- 0.020					
Phosphorus	200	150- 220					
Selenium	1.2	0.70- 1.2					
Strontium	4.1	0.30- 3.5					
Sulfur	46400	44000- 50000					
Cobalt	0.005	0.004- 0.020					
Iron	10	7.0- 16					
Germanium	0.029	0.030- 0.040					
Rubidium	0.048	0.011- 0.12					
Zirconium	0.46	0.020- 0.44					

### SPECIMEN DATA

**COMMENTS:**

Date Collected: 9/24/2009      Sample Size: 0.205 g  
 Date Received: 9/28/2009      Sample Type: Head  
 Date Completed: 10/8/2009      Hair Color: Black  
 Client Reference:                  Treatment:  
 Methodology: ICP-MS              Shampoo:

V010.08

### RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	14	4- 30
Ca/P	4.35	0.8- 8
Na/K	1.33	0.5- 10
Zn/Cu	15.5	4- 20
Zn/Cd	> 999	> 800

## **Health history for hair test 328**

52 year old male

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

Ulcerative Colitis, Skin Rashes & Foot Drop in the past... I have been on SCD Diet for 5 years. Eat very high protein SCD at the moment.

### **2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)**

Wisdom teeth have not been removed.

3 root canals. Two at age 18... One in the last 10 years.

12 amalgams... Most placed before age 18...

### **3) What dental work do you currently have in place? What part of the dental cleanup have you completed?**

All amalgams removed and crowns replaced by safe dentist. Amalgam removal completed 4/2008... Crowns early 2009...

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

Do not know. I do know she had all teeth removed and had full dentures when i was a child.

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

No recent vaccinations. Standard childhood vaccines for 52 yo US citizen..

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

- VRP Buffered C - 2800 mg.
- VRP Magnesium Ascorbate - 200 mg.
- Freeda SCD B complex - 2 per day
- Freeda SCD Multi Vitamin - 2 per day
- VRP zinc - 50 mg
- Hydrocortisone 15 mg
- Carlson CLO 1 tbl
- Therbiotic Complete - Klaire Labs
- B12 shots - 1per week 1000mcg
- SCD yogurt

### **7) Other information you feel may be relevant?**

I have done 10 rounds of AC chelation. I have read FDC daily for over two years. The hair test was done after approximately 3 rounds of 5 mg DMSA taken every 3 hours around the clock for 3 days. I am up to 12.5mg DMSA for 3 days every 3 hours around the clock. I generally chelate 2 weekends per month.

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

Kansas City USA