



PATIENT: Number 653
 SEX: Female
 AGE: 30

Toxic & Essential Elements; Hair

| TOXIC METALS | | | |
|----------------------------|----------------|-----------------------|---|
| | RESULT µg/g | REFERENCE INTERVAL | PERCENTILE 68 th 95 th |
| Aluminum (Al) | 7.0 | < 7.0 | |
| Antimony (Sb) | 0.032 | < 0.050 | |
| Arsenic (As) | 0.042 | < 0.060 | |
| Barium (Ba) | 0.43 | < 2.0 | |
| Beryllium (Be) | < 0.01 | < 0.020 | |
| Bismuth (Bi) | 0.004 | < 2.0 | |
| Cadmium (Cd) | 0.024 | < 0.050 | |
| Lead (Pb) | 0.33 | < 0.60 | |
| Mercury (Hg) | 0.78 | < 0.80 | |
| Platinum (Pt) | < 0.003 | < 0.005 | |
| Thallium (Tl) | < 0.001 | < 0.002 | |
| Thorium (Th) | 0.001 | < 0.002 | |
| Uranium (U) | 0.004 | < 0.060 | |
| Nickel (Ni) | 0.14 | < 0.30 | |
| Silver (Ag) | 0.13 | < 0.15 | |
| Tin (Sn) | 0.13 | < 0.30 | |
| Titanium (Ti) | 0.35 | < 0.70 | |
| Total Toxic Representation | | | |

| ESSENTIAL AND OTHER ELEMENTS | | | | | |
|------------------------------|----------------|-----------------------|---|--|--|
| | RESULT µg/g | REFERENCE INTERVAL | PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th | | |
| Calcium (Ca) | 302 | 300- 1200 | | | |
| Magnesium (Mg) | 57 | 35- 120 | | | |
| Sodium (Na) | 7 | 20- 250 | | | |
| Potassium (K) | 4 | 8- 75 | | | |
| Copper (Cu) | 19 | 11- 37 | | | |
| Zinc (Zn) | 170 | 140- 220 | | | |
| Manganese (Mn) | 0.76 | 0.08- 0.60 | | | |
| Chromium (Cr) | 0.42 | 0.40- 0.65 | | | |
| Vanadium (V) | 0.041 | 0.018- 0.065 | | | |
| Molybdenum (Mo) | 0.018 | 0.020- 0.050 | | | |
| Boron (B) | 0.37 | 0.25- 1.5 | | | |
| Iodine (I) | 0.70 | 0.25- 1.8 | | | |
| Lithium (Li) | 0.010 | 0.007- 0.020 | | | |
| Phosphorus (P) | 176 | 150- 220 | | | |
| Selenium (Se) | 0.67 | 0.55- 1.1 | | | |
| Strontium (Sr) | 1.2 | 0.50- 7.6 | | | |
| Sulfur (S) | 47800 | 44000- 50000 | | | |
| Cobalt (Co) | 0.024 | 0.005- 0.040 | | | |
| Iron (Fe) | 16 | 7.0- 16 | | | |
| Germanium (Ge) | 0.029 | 0.030- 0.040 | | | |
| Rubidium (Rb) | 0.010 | 0.007- 0.096 | | | |
| Zirconium (Zr) | 0.052 | 0.020- 0.42 | | | |

| SPECIMEN DATA | | RATIOS | | |
|---------------------------|--------------------|----------|--------|---------|
| COMMENTS: | | ELEMENTS | RATIOS | RANGE |
| Date Collected: 8/6/2012 | Sample Size: 0.2 g | Ca/Mg | 5.3 | 4- 30 |
| Date Received: 8/11/2012 | Sample Type: Head | Ca/P | 1.72 | 1- 12 |
| Date Completed: 8/14/2012 | Hair Color: Brown | Na/K | 1.75 | 0.5- 10 |
| Methodology: ICP/MS | Treatment: | Zn/Cu | 8.95 | 4- 20 |
| | Shampoo: Eo | Zn/Cd | > 999 | > 800 |

Health history for hair test 653

What are your current symptoms and health history?

Headaches. Constant muscle tension that causes chronic pain, and headaches for 20 days a month. No treatment has ever helped.

Brain Function. I used to be quick and a good learner, last few years I feel like I've been losing my mental ability.

Forgetfulness and having trouble coming up with the right words to communicate. Forgetting people I should know.

Sex is a problem, as I feel like the pleasure signals don't reach my brain, and I've never had an orgasm. Lack of feeling in genitals and nipples.

I've been to many many doctors about the sex problem, and headaches. Nothing ever helped and doctors gave up on me.

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

Wisdom teeth were removed when I was about 12. Braces for 2 years starting at age 11. I've had 5 amalgam fillings placed since 8 yrs old (I'm 30).

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

I had my 5 amalgam fillings removed in the last couple of months. One was improperly placed, and cracking, now a crown. No amalgam currently. History of teeth grinding.

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

Several amalgam fillings.

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

I had all vaccinations, and travel shots done when I was 13, before a trip to India.

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

None

What is your age, height and weight?

Age 30, Height 5'5", weight 155 lbs.

Other information you feel may be relevant?

I had a blood test done last year which showed vit B6 levels extremely high. Maybe this correlates with the lack of feeling in certain body parts. I read that it could be due to a certain parasite producing B6 (since I wasn't supplementing it).

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

Mendocino County, California