

HAIR ELEMENTS



L
AGE: 56

| POTENTIALLY TOXIC ELEMENTS | | | | |
|----------------------------|------------------------|-----------------|----------------------|------------------|
| TOXIC ELEMENTS | RESULT $\mu\text{g/g}$ | REFERENCE RANGE | PERCENTILE | |
| | | | 68 th | 95 th |
| Aluminum | 1.1 | < 12 | █ | |
| Antimony | < 0.01 | < 0.060 | | |
| Arsenic | 0.070 | < 0.090 | ██████████ | |
| Barium | 1.4 | < 2.0 | ██████████ | |
| Beryllium | < 0.01 | < 0.020 | | |
| Bismuth | 0.007 | < 2.0 | ● | |
| Cadmium | 0.025 | < 0.050 | ██████████ | |
| Lead | 0.10 | < 1.0 | ██ | |
| Mercury | 0.28 | < 0.80 | ██████████ | |
| Platinum | < 0.003 | < 0.005 | | |
| Thallium | < 0.001 | < 0.002 | | |
| Thorium | < 0.001 | < 0.002 | | |
| Uranium | 0.001 | < 0.060 | ● | |
| Nickel | 0.10 | < 0.40 | ██████ | |
| Silver | < 0.006 | < 0.10 | | |
| Tin | 0.02 | < 0.30 | ● | |
| Titanium | 2.0 | < 1.3 | ████████████████████ | |
| Total Toxic Representation | | | ██████████ | |

| ESSENTIAL AND OTHER ELEMENTS | | | | | | | |
|------------------------------|------------------------|-----------------|----------------------|----------------------|--|------------------|--------------------|
| ELEMENTS | RESULT $\mu\text{g/g}$ | REFERENCE RANGE | PERCENTILE | | | | |
| | | | 2.5 th | 16 th | 50 th | 84 th | 97.5 th |
| Calcium | 1860 | 475- 1500 | | | ████████████████████ | | |
| Magnesium | 270 | 45- 180 | | | ████████████████████ | | |
| Sodium | 290 | 80- 450 | | | ██████████ | | |
| Potassium | 210 | 28- 160 | | | ████████████████████ | | |
| Copper | 11 | 11- 30 | | ██████████ | | | |
| Zinc | 180 | 130- 200 | | | ██████████ | | |
| Manganese | 0.62 | 0.15- 0.65 | | | ████████████████████ | | |
| Chromium | 0.27 | 0.40- 0.65 | ████████████████████ | | | | |
| Vanadium | 0.022 | 0.018- 0.065 | | ██████████ | | | |
| Molybdenum | 0.065 | 0.040- 0.10 | | | ██ | | |
| Boron | 5.1 | 0.40- 4.0 | | | ████████████████████ | | |
| Iodine | 0.79 | 0.25- 1.8 | | | ██████████ | | |
| Lithium | 0.064 | 0.008- 0.030 | | | ████████████████████ | | |
| Phosphorus | 1050 | 250- 500 | | | ██ | | |
| Selenium | 0.92 | 0.80- 1.3 | | | ██████████ | | |
| Strontium | 15 | 1.0- 8.0 | | | ████████████████████ | | |
| Sulfur | 44000 | 42000- 48000 | | | ██████████ | | |
| Cobalt | 0.025 | 0.006- 0.035 | | | ██████████ | | |
| Iron | 5.5 | 7.0- 16 | | ████████████████████ | | | |
| Germanium | 0.031 | 0.030- 0.040 | | ██████████ | | | |
| Rubidium | 0.18 | 0.030- 0.25 | | | ██████████ | | |
| Zirconium | 0.019 | 0.040- 1.0 | | ████████████████████ | | | |

| SPECIMEN DATA | | | | RATIOS | | |
|---------------------------|----------------------|--|--|-----------------|---------------|-----------------------|
| COMMENTS: | | | | ELEMENTS | RATIOS | EXPECTED RANGE |
| Date Collected: 4/6/2011 | Sample Size: 0.202 g | | | Ca/Mg | 6.89 | 4- 30 |
| Date Received: 4/9/2011 | Sample Type: Pubic | | | Ca/P | 1.77 | 1- 12 |
| Date Completed: 4/16/2011 | Hair Color: Brown | | | Na/K | 1.38 | 0.5- 10 |
| Client Reference: | Treatment: | | | Zn/Cu | 16.4 | 4- 20 |
| Methodology: ICP-MS | Shampoo: Dhs Clear | | | Zn/Cd | > 999 | > 800 |

V010.08

Health history for hair test 470

Here is my information:

1. Current symptoms and health history

Dizziness!!!!!!!

Breathlessness

Brain fog

Tinnitus

Palpitations

Migraine

Stomach pain and bloating

Fatigue

Diagnoses:

Convergence Insufficiency

IBS

CFIDS

Fibromyalgia

IC/vulvodynia

MCS & Food sensitivities

Plantar Fasciitis

Osteopenia

Arthritis

2. Dental history

* Wisdom teeth are removed

* Don't remember much else, except a dentist accidentally drilled a hole in my root while doing a root canal in 1984. Ended up having the tooth extracted years later.

* I have had four molars removed over the years.

3. What dental work do you currently have in place and where are you in the dental cleanup process?

* I have six amalgams (two near a nerve) and one gold crown (don't know what is under it)

* I think I only have one crown left

* I have not begun dental cleanup

4. I don't know about my mother's dental history (she died of breast cancer in 1981)

5. Unsure about vaccinations. I am 56 and think I have had all. I did have one follow up tetanus to which I had a terrible reaction - arm swelled up. I never get flu shots.

6. Unsure of the supplements. Am off everything now. I was taking magnesium oxide, immunoglobulin, probiotic, digestive enzymes, calcium, coq10, fish oil. Around the time of the test, there was a flurry of many supplements, but only for a few weeks before and am off them all.

7. Other pertinent information

The dizziness is totally debilitating. May be silent migraine. Definitely partly convergence insufficiency, but not all of it.

Age is 56

Height is 5'4"

Weight is 130 lbs

8. I am located in Palm Beach County, Florida