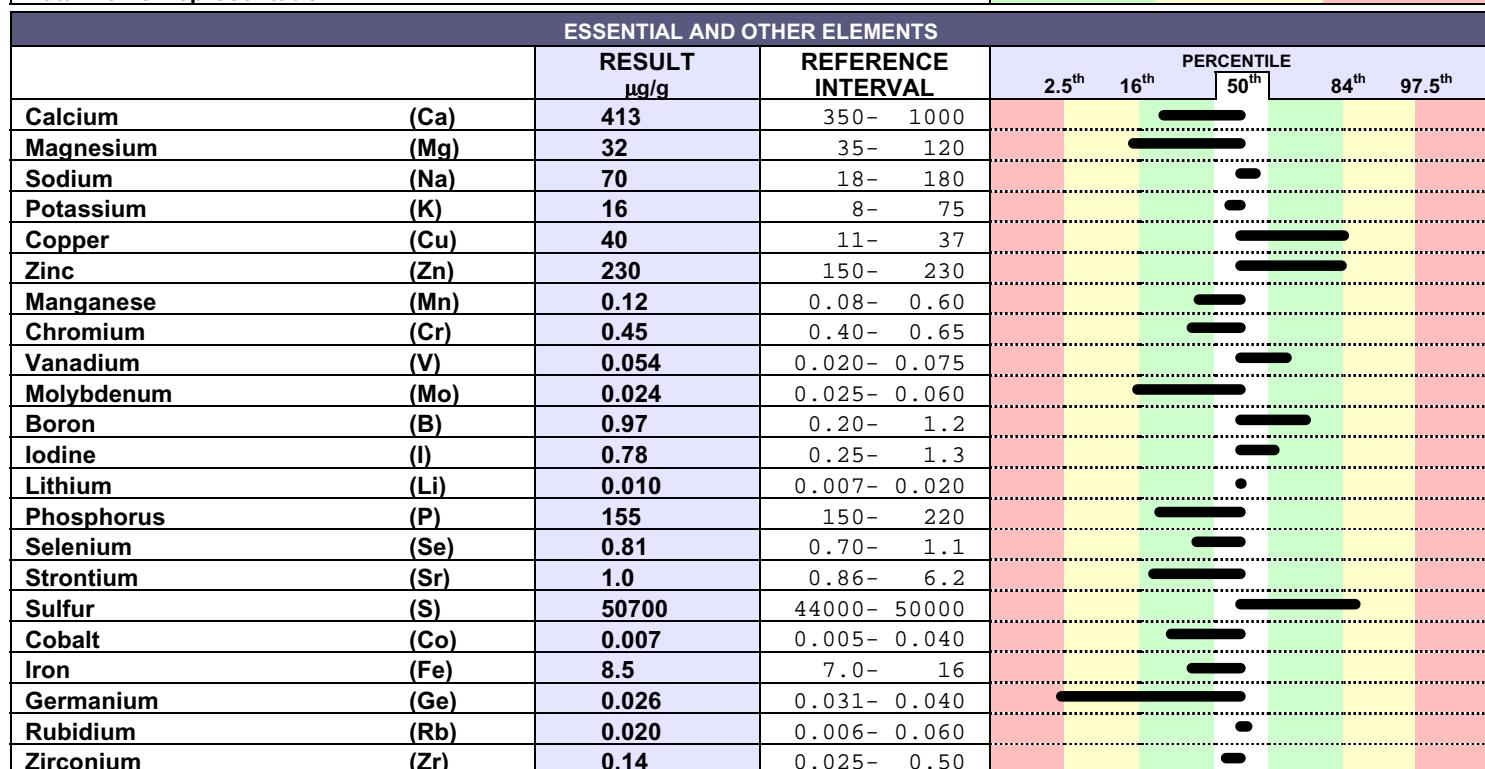
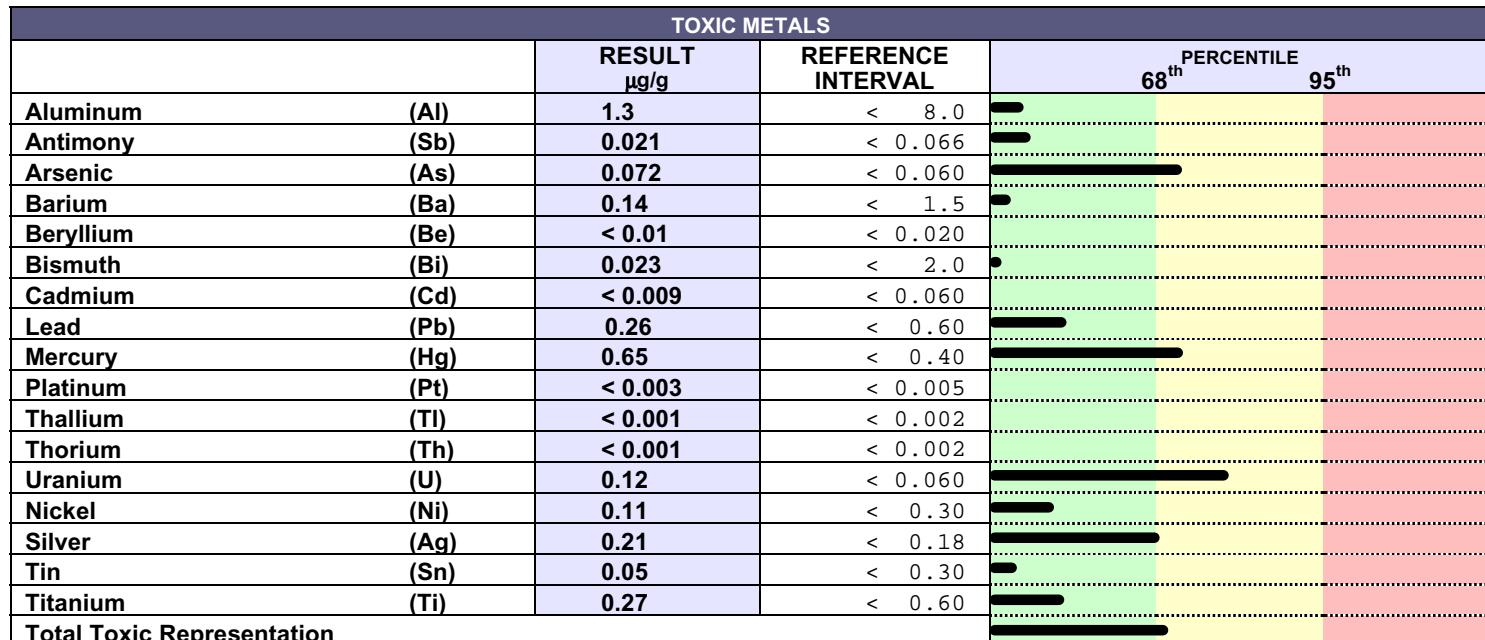




PATIENT: Number 919
SEX: Female
AGE: 17

Toxic & Essential Elements; Hair



SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 10/22/2013	Sample Size: 0.199 g	Ca/Mg	12.9	4– 30
Date Received: 10/26/2013	Sample Type: Head	Ca/P	2.66	1– 12
Date Completed: 10/31/2013	Hair Color: Brown	Na/K	4.38	0.5– 10
Methodology: ICP/MS	Treatment:	Zn/Cu	5.75	4– 20
	Shampoo: Aveeno	Zn/Cd	> 999	> 800

Health history for hair test 919

- *Current symptoms and health history*
 - Soy intolerance (6 months)
 - Ear infections (2 by age 3)
 - Chronic constipation (since age 3)
 - Vaginal yeast infections (age 5 – 7)
 - Nose bleeds (all her life)
 - “hot” ear (since early childhood)
 - Food allergies to wheat and dairy (started age 11 after onset of menstruation)
 - Panic attacks and anxiety (age 11 after onset of menstruation)
 - Extra weight despite healthy diet
 - Chronic inflammatory sport injuries: shin splints, knee and hip pain, arch pain (teen years)
 - Scoliosis (teen years – has resolved on its own)
 - Low Vit D (26 ng/mL – insufficiency)
 - Low Iron (47 ug/dL)
 - Percent Iron Saturation(14%)
- *Dental history*
 - Dental cleanings twice a year; fluoride treatments; sealants on large molars; braces for one year*
- *Dental work currently in place? What work have you completed*
 - Cosmetic veneers on two front teeth; no amalgam fillings*
- *Mother’s dentistry before or during pregnancy*
 - She had amalgam fillings as a child and then 22 amalgam fillings as an adult; 14 amalgam fillings, four gold crowns and 4 porcelain over metal crowns at time of pregnancy
- *Supplements taken at time of hair test or 3 to 6 months prior*
 - Vit D and iron
- *Age, height, weight*
 - 17 years old; 5'4.5"; 140 lbs.*
- *Location: city and country*
 - Bolton, Massachusetts USA and Westport, Nova Scotia, Canada (2 month per year)*
- *Vaccines: What and when*
 - DTaP - 1996/1996/1997/1998/2001*
 - Hep B – 1996/1996/1997*
 - Hib – 1996/1996/1997/1997*

OPV – 1996/1996/1997

MMR – 1997/2001

varicella (2) 1998/2007

PCV7 – 2000

IPV – 2001

MCV 4 – 2007/2013

Tdap -2007

Flu IM – 2008/2009/2010/2011

Hep A – 2011/2013

Typhoid – 2011