

ZRT Toxic & Essential Elements - Dried Urine

Price: \$119.00

Short Description

The test measures both essential and toxic elements, so it could be considered for evaluating the body's elemental status. It can help identify potential heavy metal toxicity or deficiencies in essential minerals.

Measures the essential nutrients iodine, selenium, lithium, and bromine, plus the toxic heavy metals arsenic, cadmium, mercury and the waste by-product creatinine. Dried urine only (no blood spot).

Description

Analyzing elements can provide insight into why you may not synthesize or convert thyroid hormones and can help determine the cause of thyroid related symptoms. The thyroid gland regulates cellular energy metabolism, as well as controls heart rate and protein synthesis for proper growth and development.

These elements directly or indirectly impact thyroid hormone synthesis and intracellular conversion of T4 to T3. While bromine, arsenic, mercury, and cadmium are known biological toxins, iodine and selenium can potentially be toxic also if dietary intake, including excessive supplementation, is too high. Testing for these elements in urine provides an excellent assessment of the overall body burden of toxic

elements and is an indicator of excessive or inadequate intake or supplementation of iodine and selenium.

This Elements Profile measures: Iodine, Lithium, Bromine, Cadmium, Selenium, Arsenic, Creatinine, and Mercury.

This test does **NOT** include: zinc, copper, magnesium, or lead. See our other Elements tests for those (below).

Sample only derived from dried urine (not blood spot).

For more comprehensive testing, please see our other Elements tests:

[Comprehensive Elements:](#)

Zinc, Copper, Magnesium, Cadmium, Mercury and Selenium (blood spot)

Iodine, Bromine, Selenium, Arsenic, Cadmium, Lithium, Mercury, Creatinine (dried urine)

[Comprehensive Elements + Thyroid:](#)

Elements: Iodine, Bromine, Cadmium, Lithium, Selenium, Arsenic, Creatinine, and Mercury. Tested in dried urine.

Thyroid: TSH, fT3, fT4, TPO, Total T4, Thyroglobulin. Tested in blood spot.

Test Includes

Lab	
ZRT	
Elements	
Arsenic	Yes
Bromine	Yes
Cadmium	Yes
Creatinine	yes
Iodine	Yes
Lithium	yes
Mercury	Yes
Selenium	Yes
Sample Type	
Dried Urine	yes