

ZRT Estrogen Essential Profile

Price: \$205.00

Short Description

Comprehensive evaluation focusing exclusively on estrogen metabolites.

This profile consists of 12 tests that precisely measure levels of estrone (E1), estradiol (E2), and estriol (E3), while also assessing your body's efficiency in processing and breaking down and metabolizing estrogen-related hormones.

Description

If you're interested in understanding how hormones are functioning in your body, testing hormone metabolites can provide deeper insights. This type of testing focuses specifically on estrogens and involves assessing the levels of estrone (E1), estradiol (E2), and estriol (E3), as well as how your body processes and breaks down these hormones.

By measuring hormone metabolites, we can not only determine the amounts of each hormone being produced but also gain insights into how the body is handling them. Excessive buildup of certain metabolites has been linked to hormone-related cancers and other diseases. Testing can help identify possible increased risks, such as the buildup of 4-hydroxy estrogen, which is associated with breast cancer and other hormone-related cancers.

You might consider testing hormone metabolites if:

1. You have a family history of hormone-dependent

- cancers, such as breast or prostate cancer.
2. You're experiencing symptoms of hormonal imbalance, like weight gain and insomnia.
 3. You're showing symptoms of conditions like polycystic ovary syndrome (PCOS), including acne and excess facial hair.
 4. You're considering hormone replacement therapy due to menopause.

To measure hormone metabolites effectively, dried urine is the preferred method as it provides valuable information about the presence and elimination of metabolites from the body. Our at-home testing kits are designed to be easy to use and convenient.

The results of the lab report measuring hormone levels and metabolites offer valuable information to your healthcare provider. Here's what can be learned from these measurements:

1. **Hormone Levels:** The levels of estradiol (E2), estriol (E3), and estrone (E1) give insights into your overall estrogen status. Unusual levels can indicate conditions like hormonal imbalances, menopause, or certain types of cancer.
2. **Estrogen Metabolism:** The measurements of metabolites like 16a-Hydroxy Estrone (16a-OH E1), 2-Hydroxy Estradiol (2-OH E2), 2-Hydroxy Estrone (2-OH E1), 2-Methoxy Estradiol (2-MeO E2), 2-Methoxy Estrone (2-MeO E1), 4-Hydroxy Estradiol (4-OH E2), 4-Hydroxy Estrone (4-OH E1), 4-Methoxy Estradiol (4-MeO E2), and 4-Methoxy Estrone (4-MeO E1) provide insights into how your body processes and metabolizes estrogens. Imbalances in these metabolites may indicate an increased risk of cancer or other hormonal disorders.
3. **Risk Assessment:** The results help evaluate your risk for certain conditions. For example, a higher ratio of 2-hydroxyestrone to 16a-hydroxyestrone is considered favorable as it indicates a lower risk of estrogen-driven cancers, while an unfavorable ratio may suggest

an increased risk.

4. **Treatment Monitoring:** If you're undergoing hormone replacement therapy (HRT) or other estrogen modulation treatments, the lab report can track the effectiveness of the treatment by assessing changes in hormone and metabolite levels over time.

In summary, the lab report provides essential information to your healthcare provider, allowing them to diagnose hormonal imbalances, assess the risk of certain conditions, and monitor the effectiveness of treatments related to estrogen metabolism.

Test Includes

Lab	
ZRT	Yes
Reproductive	
Estradiol (E2)	Yes
Estriol (E3)	Yes
Estrone (E1)	Yes
Sample Type	
Dried Urine	
Estrogens	
16a-Hydroxy Estrone (16a-OH E1)	Yes
2-Hydroxy Estradiol (2-OH E2)	Yes
2-Hydroxy Estrone (2-OH E1)	Yes
2-Methoxy Estradiol (2-MeO E2)	Yes
2-Methoxy Estrone (2-MeO E1)	Yes
4-Hydroxy Estradiol (4-OH E2)	Yes

4-Hydroxy Estrone (4-OH E1)	Yes
4-Methoxy Estradiol (4-Me0 E2)	Yes
4-Methoxy Estrone (4-Me0 E1)	Yes