



BETA-GLUCURONIDASE - Test Code 2013



Turnaround Time: 5 business days



Specimen Type: Stool Kit

Description

The beta-glucuronidase enzyme plays a crucial role in detoxification, specifically within the gut, as it assists in the breakdown of complex carbohydrates and deconjugation of toxins (Tripathi & Kashyap, 2023). Produced by gut bacteria, beta-glucuronidase activity can influence the recycling of hormones like estrogen, which may impact hormone balance contributing to menstrual irregularities and mood changes (Hu et al., 2023). Elevated levels of this enzyme may also indicate imbalances in gut microbiota, potentially increasing the risk of colon and breast cancer through enhanced reabsorption of carcinogens (Hu et al., 2023).

Testing beta-glucuronidase through a stool sample can provide insights into gut health and its impact on hormone metabolism, especially for individuals with high estrogen, digestive issues, or a family history of certain cancers (Hu et al., 2023). By addressing beta-glucuronidase levels, diet, lifestyle changes, and probiotics can be tailored to help restore balance, supporting both digestive and hormonal health (Hu et al., 2023).

Whats included?

- Beta-glucuronidase

Conditions and Symptoms

- Estrogen dominance
- Increased risk of hormone-dependent cancers
- Sluggish liver detoxification
- Skin issues (e.g., acne)
- Mood swings and irritability
- Low energy or fatigue
- Poor digestive health and nutrient absorption

Complementary Testing

- CDSA Level 1 (Test code 2003)
- Female Hormone Profile- Basic (Test code 1005)
- Advanced Hormones Dried Urine (Test code 1501)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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