



#### FERRITIN - Test Code 6010



Turnaround Time: 2 business days



Specimen Type: 1x SST Blood

# Description

Ferritin is a blood protein that plays a crucial role in storing iron, primarily in the liver, and releasing it when the body requires it (Lee et al., 2022). When iron is needed, cells release small amounts of ferritin into the bloodstream, making ferritin levels a useful indicator of the body's iron stores (Lee et al., 2022). Therefore, measuring ferritin can provide important insights into an individual's iron levels, as both low and high iron levels can lead to significant health issues.

Low ferritin levels, indicating iron deficiency, can result in anaemia, causing symptoms such as fatigue, weakness, and shortness of breath (Gattermann et al., 2021). On the other hand, excessively high ferritin levels may indicate conditions such as hemochromatosis, an inherited disorder leading to iron overload, which can cause damage to organs like the liver, heart, and pancreas (Gattermann et al., 2021).

Ferritin is an essential protein for iron storage, and measuring its levels through testing offers valuable information about the body's iron stores. Ferritin tests are often part of a broader iron study to diagnose and monitor iron-related disorders, helping to maintain balanced iron levels and overall health.

#### Whats included?

Ferritin

## **Conditions and Symptoms**

- Iron deficiency anaemia
- Hemochromatosis
- Fatigue
- Weakness
- Shortness of Breath

### **Complementary Testing**

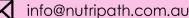
- Iron studies (Test code 6009)
- Liver Function Test (Test code 6004)

#### **Accreditations Include:**

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









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