



IRON STUDIES - Test Code 6009



Turnaround Time: 2 business days



Specimen Type: 1x SST
Blood (Fasting)

Description

Iron is an essential trace element that plays a vital role in the production of healthy red blood cells. These cells are responsible for transporting oxygen throughout the body. Iron is a key component of haemoglobin, the protein in red blood cells that binds to oxygen and releases it as blood circulates to other tissues (Vogt et al., 2021). A deficiency in iron can lead to anaemia, a condition in which the body lacks sufficient red blood cells to effectively carry oxygen, resulting in fatigue, weakness, and other health issues (Vogt et al., 2021).

This assessment measures key indicators such as iron levels, ferritin, transferrin, and transferrin saturation to provide a detailed understanding of a patient's iron status (Vogt et al., 2021). By assessing these markers, healthcare providers can better manage conditions related to iron deficiency or overload and develop appropriate treatment plans. Iron is crucial for the formation of normal red blood cells and for supporting oxygen transport throughout the body. NutriPATH's iron study assessment is an important tool for evaluating iron metabolism and ensuring proper iron levels are maintained, helping to prevent and manage conditions like anaemia.

Whats included?

- Iron
- Transferrin
- Transferrin Saturation
- Ferritin

Conditions and Symptoms

- Iron deficiency anaemia
- Blood loss/heavy bleeding
- Fatigue
- Low Energy
- Weakness
- Chronic disease
- Parasites

Complementary Testing

- Liver Function Tests (Test code 6004)
- Complete Microbiome Mapping (Test code 2206)
- 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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For more information
scan the QR code



*See NATA and CLIA website for further details