



Yash M. Patel

Age : 21 Years

Sex : Male

PID : 555



Sample Collected At:

125, Shivam Bungalow, S G Road,
Mumbai

Ref. By: Dr. Hiren Shah



Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

IRON

Investigation	Result	Reference Value	Unit
IRON, SERUM Spectrophotometry	25 Low	50.00 - 170.00	mcg/dL

Comments:

Iron is an essential trace mineral element that forms an important component of hemoglobin, metal compounds, and Vitamin A. Deficiency of iron, leads to microcytic hypochromic anemia. The toxic effects of iron are the deposition of iron in various organs of the body and hemochromatosis.

High Levels cause :

- Hemochromatosis - Excessive iron absorption disorder.
- Iron overload due to multiple blood transfusions - Accumulation of iron from repeated transfusions.
- Liver disease - Impaired iron regulation by the liver.
- Iron poisoning - Ingestion of toxic amounts of iron.
- Hemolytic anemia - Increased breakdown of red blood cells.

Low Levels cause :

- Iron deficiency anemia - Insufficient iron to produce red blood cells.
- Chronic blood loss - Continuous bleeding or gastrointestinal disorders.
- Inadequate dietary intake - Lack of iron-rich foods in the diet.
- Malabsorption disorders - Impaired absorption of iron in the digestive system.
- Pregnancy - Increased iron demand during pregnancy.

Thanks for Reference

****End of Report****

Medical Lab Technician
(DMLT, BMLT)

Dr. Payal Shah
(MD, Pathologist)

Dr. Vimal Shah
(MD, Pathologist)

