

# Everything You Need to Know: Ferritin



# VitaLab

FAST

SENSITIVE

RELIABLE

## Ferritin Test Kit

(Dry Fluorescence Immunoassay)



**Ferritin** is a kind of widely existed Iron Storage Protein and Delivery Protein.

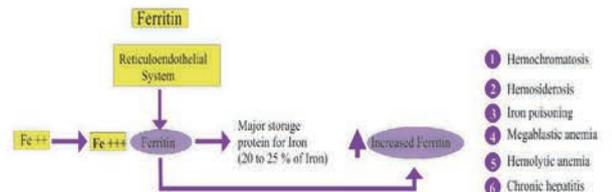
**Ferritin test** is the most sensitive test for the diagnosis of iron-deficiency anemia.

### “ Various types of anemia and lab workup ”

Disease	Ferritin	Transferrin sat.	Iron	TIBC
Acute blood loss	normal	Low	low	normal
Chronic blood loss	low	low	low	increased
Hemolytic anemia	increased	increased	increased	low
Iron deficiency	low	low	low	increased
Pregnancy	low	low	low	increased
Acute inflammation	increased	increased	normal	low
Hemochromatosis	increased	increased	increased	low
Chronic diseases	increased	low	low	low
Liver diseases (necrosis)	increased	increased	increased	increased

TIBC = total iron-binding capacity.  
Transferrin sat. = Transferrin saturation.

### Ferritin metabolism



### Interpretation of Result

Ferritin	Measuring Range	10-1000 ng/ml	
	Reference Range	Male	16-220 ng/mL
	Female	10-125 ng/mL	

### Why is the Ferritin test important?

The ferritin test is done to diagnose if you have any iron-related medical condition and also to check your overall physical health. The test can be done to detect some of the medical conditions such as:

- ▶ To diagnose iron-deficiency anemia or to detect if you have low levels of hemoglobin.
- ▶ To measure the ratio of red blood cells and hematocrit, the fluid component in the blood.
- ▶ Restless leg syndrome.
- ▶ Adult Still's disease.
- ▶ Liver disease.
- ▶ Rheumatoid arthritis.
- ▶ Alcohol abuse.
- ▶ Hodgkin lymphoma.
- ▶ Leukemia of the bone marrow.

### Steps of Operation

