

Ferritin

see Iron, Transferrin

General:

The ferritin molecule is secreted into plasma in low concentrations and originates from the cells of the RSH and reflects the iron reserve pool. Thus it can be used for the estimation of the total iron reserve. After absorption of the bivalent iron by the mucous cells, iron is bound to ferritin and is trans-ported to bone marrow and the liver.

Indication: Iron deficiency anemia, pool iron deficiency, monitoring oral iron therapy, hemodialysis patients, monitoring blood donors, pregnant women.

Material: 1 ml serum

Stability: 7 days at 2 to 8°C

TAT: same day, FML

Method: turbidimetric

Units: ng/ml

Ref.- range: see report

Note: If the patient is taking multivitamins or dietary supplements containing high dose of Biotin (> 5 mg), the patient should stop taking it for at least 24 hours , before having the blood collection.

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>