

Name : Mr Dummy
Age/Gender : 25/Male
Referred By : Self
Phone No. :

Patient ID : PN1
Report ID : RE2
Collection Date : 24/06/2023 09:17 PM
Report Date : 24/06/2023 09:25 PM

BIOCHEMISTRY IRON PROFILE TEST

TEST DESCRIPTION	RESULT	REF. RANGE	UNIT
Serum Iron	158	50 - 180	mcg/dL
Total Iron Binding Capacity	396	220 - 440	mcg/dL
Transferrin saturation	39.90	30 - 60	%

Interpretation:

Test Name	Normal Range	Interpretation
Serum Iron	60-170 mcg/dL	Measures the amount of iron in the blood.
Total Iron Binding Capacity (TIBC)	240-450 mcg/dL	Measures the total amount of iron that can be carried in the blood.
Transferrin Saturation	20-50%	Measures the percentage of transferrin that is carrying iron.

Interpretation:

- If serum iron levels are high and transferrin saturation is high, it may indicate hemochromatosis or iron overload.
- If serum iron levels are low and transferrin saturation is low, it may indicate iron deficiency anemia.
- If TIBC is high and transferrin saturation is low, it may indicate iron deficiency anemia.
- If TIBC is low and transferrin saturation is high, it may indicate hemochromatosis or iron overload.
- In cases where serum iron levels are low but transferrin saturation is high, it may indicate a chronic inflammatory condition.

~~End of report~~



Dr. Dummy
MD Pathology

