

TIBC

Acceptable Tube Types



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|---------------------------------------|-----------------|---|
| Alternate Name: | | Iron (Fe) and Iron Binding Capacity |
| Performing Lab: | | New Hanover and Cape Fear |
| Specimen Container: | | Yellow serum separator tube or red top tube |
| Minimum Volume Required: | | 1.0 mL |
| Testing Availability | Routine: | 24 hours/day |
| | Stat: | Yes |
| Turnaround Time: | | Routine: 4 hours Stat: < 1 hour |
| Special Handling: | | None |
| Patient Preparation: | | None |
| Specimen Stability: | | |
| Reference Range: | | |
| | IBC: | 250 – 450 ug/dL |
| Critical Value: | | None |
| CPT Code: | | IBC 83550 |
| Testing Methodology: | | Two Point Rate |
| Causes for Specimen Rejection: | | Improper labeling Plasma samples |
| Other Comments: | | |
| Clinical Significance: | | Serum iron quantification is a useful aid in confirming the diagnosis of iron-deficiency anemia or hemochromatosis. The measurement of total iron binding in the same specimen may facilitate the clinician's ability to distinguish between low serum iron levels caused by iron deficiency from those related to inflammatory neoplastic disorders. |