

HOTLINE: Effective February 22, 2022

0020037

Iron, Plasma or Serum

FE

Specimen Required: Collect: Plasma separator tube, serum separator tube, or green (lithium heparin).

Specimen Preparation: Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.2 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Specimens collected from patients receiving deferoxamine (wait six hours after last dose). Specimens containing EDTA, sodium/fluoride, oxalate, or sodium citrate. Grossly hemolyzed specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 1 week; Refrigerated: 3 weeks; Frozen: 3 months

Reference Interval:

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Age	Reference Interval
Newborn 0-6 weeks	100-250 µg/dL
Infant 7 weeks - 11 months	40-100 µg/dL
Child 1 year - 10 years	50-120 µg/dL
Male 11 years and older	45-182 µg/dL
Female 11 years and older	28-170 µg/dL