CREATIVE BIOMART®
Assay Kit

Serum Ferric Ion Content Assay Kit

Product Information

Product Overview

Significance: Measures iron bound to transferrin in blood; differentiates iron-deficiency anemia from other types.
Principle: Sodium dithionite reduces Fe³⁺ to Fe²⁺, which reacts with 2,2'-bipyridine to form a colored complex absorbing at 520 nm.

Size

100t/96s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Centrifuge, adjustable pipettes, visible spectrophotometer/microplate reader, micro quartz cuvettes/96-well plates, ice acetic acid, chloroform, distilled water.

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