

General Serum Iron Assay Kit

Serum Iron Microplate Assay Kit

CATALOG # AAA27834	REACTIVITY General	APPLICATIONS Functional Assay
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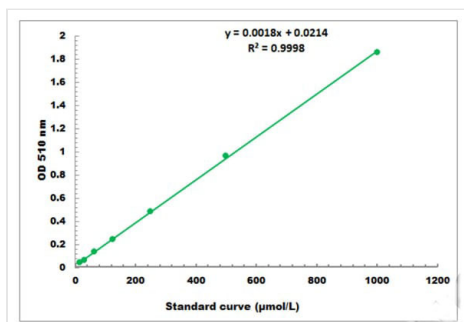
PRODUCT SYNONYMS

Serum Iron; Serum Iron Microplate Assay Kit; Ferrum; iron; Fe; Serum Iron assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Serum, Plasma, Urine, Saliva, Tissue extracts, Cell lysate and Other biological fluids Samples
Detection Range	10 umol/L - 1000 umol/L
Applicable Applications for Serum Iron assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Serum Iron assay kit

Background: Iron level in blood is a reliable diagnostic indicator of various disease states. Increased levels of iron concentration in blood are associated with blood loss, increased destruction of red blood cells (e.g. hemorrhage) or decreased blood cell survival, acute hepatitis, certain sideroachrestic anemias, ingestion of iron-rich diets, defects in iron storage (e.g. pernicious anemia). Decreased levels of blood iron may result from insufficient iron ingestion from diets, chronic blood loss pathologies, or increased demand on iron storage as during normal pregnancy. Iron Microplate Assay Kit provides a simple and direct procedure for measuring iron () levels in a variety of samples. The ferrium ions can react with Phenanthroline. The products can be measured at a colorimetric readout at 510 nm.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.