

Total Iron Ion Assay Kit

Micro Total Iron Ion

CATALOG #
AAA332656

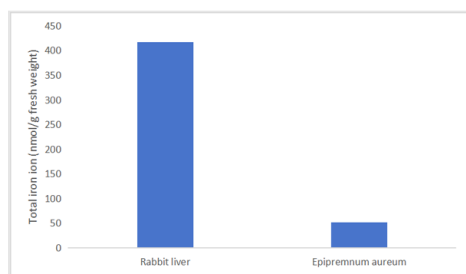
PRODUCT SYNONYMS

Total Iron Ion; Micro Total Iron Ion; Total Iron Ion assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant Tissue, Plasma, Serum or other Liquid samples
Kit Components	Extraction Buffer ? Extraction Buffer II Reagent I Reagent II Standard
Features & Benefits	The verified samples are complete in type and easy to operate.
Usage Notes	If not assayed immediately, samples can be stored at -80 degree C for one month. It is recommended to perform several dilutions of your sample to ensure the readings are within the standard value range. Fresh samples are necessary for good results. If don't perform the assay at the same time, it's better to complete the Sample Preparation step before storing the samples.
Preparation and Storage	Storage at 4 degree C and Keep from light immediately upon receipt. Kit has a storage time of 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components. Shipping: Gel pack with blue ice.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for Total Iron Ion assay kit	Iron is one of the essential trace elements in the human body, it is the main component of hemoglobin, myoglobin, cytochrome and other enzyme systems, helps to transport oxygen, promote fat oxidation. Lack of iron is likely to cause anemia, metabolic disorder, and affect the body's immune function. Micro Total Iron Ion Content Assay Kit can be used to detect biological samples such as animal and plant tissue, plasma, serum or other liquid samples. In the kit, sodium sulfite reduces Fe ³⁺ to produce Fe ²⁺ , Fe ²⁺ forms a blue complex with tripyridyl triazine under acidic conditions, and has an absorption peak at 593 nm. The content of Fe ²⁺ can be calculated by measuring the absorbance of this wavelength.
Product Categories/Family for Total Iron Ion assay kit	Cell analysis; Cell metabolism detection kit

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.

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Online datasheet: <https://www.aaabiotech.com/assay-kits/total-iron-ion/332656>