



Tissue Iron Content Assay kit

Iron is one of the essential trace elements of the human body. It is the main component of hemoglobin, myoglobin, cytochrome and other enzyme systems, which helps the transport of oxygen. Lack of iron can easily cause anemia, disordered metabolism, and affect the body's immune function.

Sodium sulfite reduces Fe^{3+} to produce Fe^{2+} , and Fe^{2+} further develops color with 2,2'-bipyridine. There is an absorption peak at 520nm. Calculate the iron content by measuring the absorbance at this wavelength.

Catalog No.	250435
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Visible Spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs