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Product Datasheet

CheKine(TM) Micro Total Iron-Binding Capacity (TIBC) Assay Kit ASC-KTB2150

Artikelname	CheKine(TM) Micro Total Iron-Binding Capacity (TIBC) Assay Kit
Artikelnummer	ASC-KTB2150
Hersteller Artikelnummer	KTB2150
Alternativnummer	ASC-KTB2150-96
Hersteller	Abbkine Scientific
Kategorie	Kits/Assays
Produktbeschreibung	CheKine(TM) Micro Total Iron-Binding Capacity (TIBC) Assay Kit provides a simple, sensitive, rapid TIBC detection method, suitable for detecting serum samples....
Tag	Total Iron Binding Capacity ,TIBC
Anwendungsbeschreibung	CheKine(TM) Micro Total Iron-Binding Capacity (TIBC) Assay Kit provides a simple, sensitive, rapid TIBC detection method, suitable for detecting serum samples. The principle is that under alkaline conditions, serum transferrin can be bonded to Fe ³⁺ , and the remaining unbound Fe ³⁺ can be reduced to Fe ²⁺ , the bonded Fe ³⁺ could be released after acidification ,and then be reduced into Fe ²⁺ . A purple compound could be produced by the reaction between Fe ²⁺ and philo oxazine ,and this purple compound has a special wave at 562 nm. Respectively reading the OD _{562nm} values A1 and A2 , and A1 is based on the unbound Fe ³⁺ , A2 is based on the bounded Fe ³⁺ . And the concentration of TIBC is proportionate to the difference between A2 and A1.