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Product Datasheet

Human FE(Ferritin) ELISA Kit EBT-ELK1214

Artikelname	Human FE(Ferritin) ELISA Kit
Artikelnummer	EBT-ELK1214
Hersteller Artikelnummer	ELK1214
Alternativnummer	EBT-ELK1214-96, EBT-ELK1214-96X5, EBT-ELK1214-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.061 ng/mL
UniProt	P02792
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Tumor immunity, Hematology,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human FE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human FE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human FE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Human FE in the samples is then determined by comparing the OD of the samples to the standard curve