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Product Datasheet

Rat FTH(Ferritin, Heavy Polypeptide) ELISA Kit EBT-ELK6788

Artikelname	Rat FTH(Ferritin, Heavy Polypeptide) ELISA Kit
Artikelnummer	EBT-ELK6788
Hersteller Artikelnummer	ELK6788
Alternativnummer	EBT-ELK6788-96, EBT-ELK6788-48, EBT-ELK6788-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.23 ng/mL
UniProt	P19132
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,. 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 Rat FTH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat FTH. 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 Rat FTH, 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 Rat FTH in the samples is then determined by comparing the OD of the samples to the standard curve