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Product Datasheet

Cattle aFP(Alpha-Fetoprotein) ELISA Kit EBT-ELK5882

Artikelname	Cattle aFP(Alpha-Fetoprotein) ELISA Kit
Artikelnummer	EBT-ELK5882
Hersteller Artikelnummer	ELK5882
Alternativnummer	EBT-ELK5882-96, EBT-ELK5882-48, EBT-ELK5882-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.121 ng/mL
UniProt	Q3SZ57
Proben	Serum, plasma and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Hepatology,. 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 Cattle aFP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle aFP. 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 Cattle aFP, 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 Cattle aFP in the samples is then determined by comparing the OD of the samples to the standard curve