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Product Datasheet

Cattle NEFL(Neurofilament, Light Polypeptide) ELISA Kit EBT-ELK10024

Artikelname	Cattle NEFL(Neurofilament, Light Polypeptide) ELISA Kit
Artikelnummer	EBT-ELK10024
Hersteller Artikelnummer	ELK10024
Alternativnummer	EBT-ELK10024-96, EBT-ELK10024-96X5, EBT-ELK10024-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	6.1 pg/mL
UniProt	P02548
Proben	serum, plasma, cerebrospinal fluid and other biological fluids

Anwendungsbeschreibung

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