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Product Datasheet

Cattle C3(Complement Component 3) ELISA Kit EBT-ELK11177

Artikelname	Cattle C3(Complement Component 3) ELISA Kit
Artikelnummer	EBT-ELK11177
Hersteller Artikelnummer	ELK11177
Alternativnummer	EBT-ELK11177-96, EBT-ELK11177-48, EBT-ELK11177-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	500 µg/mL
Detektionsbereich	7.81-500 µg/mL
Sensitivitaet	2.35 µg/mL
UniProt	Q2UVX4
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Infection immunity, Immune molecule,. 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 C3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle C3. 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 C3, 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 C3 in the samples is then determined by comparing the OD of the samples to the standard curve