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Product Datasheet

Rat CFD(Complement Factor D) ELISA Kit EBT-ELK10797

Article Name	Rat CFD(Complement Factor D) ELISA Kit
Biozol Catalog Number	EBT-ELK10797
Supplier Catalog Number	ELK10797
Alternative Catalog Number	EBT-ELK10797-96, EBT-ELK10797-96X5, EBT-ELK10797-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 µg/mL
Range	0.16-10 µg/mL
Sensitivity	0.051 µg/mL
UniProt	P32038
Samples	Serum, plasma and other biological fluids.

Application Notes

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