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Product Datasheet

Rat sC5b-9(Soluble Terminal Complement Complex C5b-9) ELISA Kit EBT-ELK11154

Article Name	Rat sC5b-9(Soluble Terminal Complement Complex C5b-9) ELISA Kit
Biozol Catalog Number	EBT-ELK11154
Supplier Catalog Number	ELK11154
Alternative Catalog Number	EBT-ELK11154-96, EBT-ELK11154-48, EBT-ELK11154-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	2000 ng/mL
Range	31.25-2000 ng/mL
Sensitivity	13.32 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Metabolic pathway, Apoptosis, Infection immunity,. 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 sC5b-9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat sC5b-9. 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 sC5b-9, 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 sC5b-9 in the samples is then determined by comparing the OD of the samples to the standard curve