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Product Datasheet

Human iC3b(ComplementiC3b) ELISA Kit EBT-ELK9603

Article Name	Human iC3b(ComplementiC3b) ELISA Kit
Biozol Catalog Number	EBT-ELK9603
Supplier Catalog Number	ELK9603
Alternative Catalog Number	EBT-ELK9603-96, EBT-ELK9603-48, EBT-ELK9603-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.88 ng/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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 precoated with an antibody specific to Human iC3b. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human iC3b. 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 Human iC3b, 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 Human iC3b in the samples is then determined by comparing the OD of the samples to the standard curve