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Product Datasheet

Pig C3c(C3 Convertase) ELISA Kit EBT-ELK8294

Article Name	Pig C3c(C3 Convertase) ELISA Kit
Biozol Catalog Number	EBT-ELK8294
Supplier Catalog Number	ELK8294
Alternative Catalog Number	EBT-ELK8294-96,EBT-ELK8294-48,EBT-ELK8294-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.073 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 Pig C3c. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig C3c. 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 Pig C3c, 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 Pig C3c in the samples is then determined by comparing the OD of the samples to the standard curve