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Product Datasheet

Guinea pig C3(Complement Component 3) ELISA Kit EBT-ELK10143

Article Name	Guinea pig C3(Complement Component 3) ELISA Kit
Biozol Catalog Number	EBT-ELK10143
Supplier Catalog Number	ELK10143
Alternative Catalog Number	EBT-ELK10143-96, EBT-ELK10143-48, EBT-ELK10143-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Guinea pig
Concentration	500 µg/mL
Range	7.81-500 µg/mL
Sensitivity	2.2 µg/mL
Samples	Serum, plasma 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 pre-coated with an antibody specific to Guinea pig C3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig 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 Guinea pig 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 Guinea pig C3 in the samples is then determined by comparing the OD of the samples to the standard curve