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## Product Datasheet

### Rat C3(Complement Component 3) ELISA Kit EBT-ELK11137

Article Name	Rat C3(Complement Component 3) ELISA Kit
Biozol Catalog Number	EBT-ELK11137
Supplier Catalog Number	ELK11137
Alternative Catalog Number	EBT-ELK11137-96, EBT-ELK11137-48, EBT-ELK11137-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	500 µg/mL
Range	7.81-500 µg/mL
Sensitivity	2.12 µg/mL
UniProt	<a href="#">P01026</a>
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 pre-coated with an antibody specific to Rat C3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat C3 in the samples is then determined by comparing the OD of the samples to the standard curve