

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Rat CLU(Clusterin) ELISA Kit EBT-ELK10665

Article Name	Rat CLU(Clusterin) ELISA Kit
Biozol Catalog Number	EBT-ELK10665
Supplier Catalog Number	ELK10665
Alternative Catalog Number	EBT-ELK10665-96, EBT-ELK10665-96X5, EBT-ELK10665-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	100 µg/mL
Range	1.57-100 µg/mL
Sensitivity	0.56 µg/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: Apoptosis, Tumor immunity, 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 CLU. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CLU. 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 CLU, 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 CLU in the samples is then determined by comparing the OD of the samples to the standard curve