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## Product Datasheet

### Rat CD163(Cluster Of Differentiation) ELISA Kit EBT-ELK4826

Article Name	Rat CD163(Cluster Of Differentiation) ELISA Kit
Biozol Catalog Number	EBT-ELK4826
Supplier Catalog Number	ELK4826
Alternative Catalog Number	EBT-ELK4826-96, EBT-ELK4826-48, EBT-ELK4826-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6.9 pg/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, Metabolic pathway,. 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 CD163. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CD163. 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 CD163, 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 CD163 in the samples is then determined by comparing the OD of the samples to the standard curve