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Product Datasheet

Rat CD4(Cluster Of Differentiation 4) Microsample ELISA Kit BYT-ORB2997312

Article Name	Rat CD4(Cluster Of Differentiation 4) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997312
Supplier Catalog Number	orb2997312
Alternative Catalog Number	BYT-ORB2997312-48,BYT-ORB2997312-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat CD4(Cluster Of Differentiation 4) Microsample ELISA Kit...
Range	78.13-5000 pg/mL
Sensitivity	38 pg/mL
UniProt	P05540
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: 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 CD4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CD4. 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 CD4, 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 CD4 in the samples is then determined by comparing the OD of the samples to the standard curve