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## Product Datasheet

### Rat Cluster of Differentiation 200 (CD200) ELISA Kit BYT-ORB782583

Article Name	Rat Cluster of Differentiation 200 (CD200) ELISA Kit
Biozol Catalog Number	BYT-ORB782583
Supplier Catalog Number	orb782583
Alternative Catalog Number	BYT-ORB782583-48, BYT-ORB782583-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	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 Cluster Of Differentiation 200(CD200)....
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	17.87 pg/mL
UniProt	<a href="#">P04218</a>
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 3000 pg/mL. 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 CD200. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CD200. 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 CD200, 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 CD200 in the samples is then determined by comparing the OD of the samples to the standard curve