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Product Datasheet

Rat Cluster of Differentiation 40 Ligand (CD40L) ELISA Kit BYT-ORB776390

Article Name	Rat Cluster of Differentiation 40 Ligand (CD40L) ELISA Kit
Biozol Catalog Number	BYT-ORB776390
Supplier Catalog Number	orb776390
Alternative Catalog Number	BYT-ORB776390-48, BYT-ORB776390-96
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 40 Ligand(CD40L)....
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.052 ng/mL
UniProt	Q9Z2V2
Samples	serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 10 ng/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 CD40L. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CD40L. 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 CD40L, 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 CD40L in the samples is then determined by comparing the OD of the samples to the standard curve