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Product Datasheet

Mouse CTLA4(Cytotoxic T-Lymphocyte Associated Antigen 4) Microsample ELISA Kit BYT-ORB2997275

Article Name	Mouse CTLA4(Cytotoxic T-Lymphocyte Associated Antigen 4) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997275
Supplier Catalog Number	orb2997275
Alternative Catalog Number	BYT-ORB2997275-48,BYT-ORB2997275-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse CTLA4(Cytotoxic T-Lymphocyte Associated Antigen 4) Microsample ELISA Kit...
Range	31.25-2000 pg/mL
Sensitivity	12.9 pg/mL
UniProt	P09793
Samples	serum, plasma, tissue homogenates, cell lysates 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 Mouse CTLA4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CTLA4. 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 Mouse CTLA4, 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 Mouse CTLA4 in the samples is then determined by comparing the OD of the samples to the standard curve