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Product Datasheet

Human Leukocyte Antigen DR (HLA-DR) ELISA Kit BYT-ORB782541

Article Name	Human Leukocyte Antigen DR (HLA-DR) ELISA Kit
Biozol Catalog Number	BYT-ORB782541
Supplier Catalog Number	orb782541
Alternative Catalog Number	BYT-ORB782541-48, BYT-ORB782541-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
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 soluble HLA-DR(Leukocyte Antigen DR)....
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	12.9 pg/mL
UniProt	P01903
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 2000 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 Human HLA-DR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human HLA-DR. 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 Human HLA-DR, 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 Human HLA-DR in the samples is then determined by comparing the OD of the samples to the standard curve