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Product Datasheet

Human Fcgamma(Fc Fragment of IgG) Microsample ELISA Kit BYT-ORB2997299

Article Name	Human Fcgamma(Fc Fragment of IgG) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997299
Supplier Catalog Number	orb2997299
Alternative Catalog Number	BYT-ORB2997299-48,BYT-ORB2997299-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Fcgamma(Fc Fragment of IgG) Microsample ELISA Kit...
Range	0.31-20 ng/mL
Sensitivity	0.18 ng/mL
Samples	serum, plasma, 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 Human Fcγ₁. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Fcγ₁. 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 Fcγ₁, 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 Fcγ₁ in the samples is then determined by comparing the OD of the samples to the standard curve