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Product Datasheet

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

Artikelname	Human Fcgamma(Fc Fragment of IgG) Microsample ELISA Kit
Artikelnummer	BYT-ORB2997299
Hersteller Artikelnummer	orb2997299
Alternativnummer	BYT-ORB2997299-48, BYT-ORB2997299-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Produktbeschreibung	Human Fcgamma(Fc Fragment of IgG) Microsample ELISA Kit...
Detektionsbereich	0.31-20 ng/mL
Sensitivitaet	0.18 ng/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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