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Product Datasheet

Human Immunoglobulin G4 (IgG4) ELISA Kit BYT-ORB776202

Artikelname	Human Immunoglobulin G4 (IgG4) ELISA Kit
Artikelnummer	BYT-ORB776202
Hersteller Artikelnummer	orb776202
Alternativnummer	BYT-ORB776202-48, BYT-ORB776202-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	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 Immunoglobulin G4(IgG4)....
Konzentration	10 µg/mL
Detektionsbereich	0.16-10 µg/mL
Sensitivitaet	0.073 ug/mL
UniProt	P01861
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 10 µg/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 IgG4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IgG4. 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 IgG4, 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 IgG4 in the samples is then determined by comparing the OD of the samples to the standard curve