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Product Datasheet

Human FcγRI(Receptor I For The Fc Region Of Immunoglobulin G) Microsample ELISA Kit EBT-ELK2070MS

Article Name	Human FcγRI(Receptor I For The Fc Region Of Immunoglobulin G) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2070MS
Supplier Catalog Number	ELK2070MS
Alternative Catalog Number	EBT-ELK2070MS-96, EBT-ELK2070MS-48, EBT-ELK2070MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	32 pg/mL
UniProt	P12314
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, Infection immunity,. 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 FcγRI. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human FcγRI. 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 FcγRI, 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 FcγRI in the samples is then determined by comparing the OD of the samples to the standard curve