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Product Datasheet

Human Fc ϵ RII(Receptor II For The Fc Region Of Immunoglobulin E) ELISA Kit EBT-ELK1105

Article Name	Human Fc ϵ RII(Receptor II For The Fc Region Of Immunoglobulin E) ELISA Kit
Biozol Catalog Number	EBT-ELK1105
Supplier Catalog Number	ELK1105
Alternative Catalog Number	EBT-ELK1105-96, EBT-ELK1105-48, EBT-ELK1105-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.117 ng/mL
UniProt	P06734
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, Rheumatology,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been precoated with an antibody specific to Human Fc ϵ RII. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Fc ϵ RII. 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 Fc ϵ RII, 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 Fc ϵ RII in the samples is then determined by comparing the OD of the samples to the standard curve