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Product Datasheet

Mouse FcgRI(Receptor I For The Fc Region Of Immunoglobulin G) ELISA Kit EBT-ELK4769

Article Name	Mouse FcgRI(Receptor I For The Fc Region Of Immunoglobulin G) ELISA Kit
Biozol Catalog Number	EBT-ELK4769
Supplier Catalog Number	ELK4769
Alternative Catalog Number	EBT-ELK4769-96, EBT-ELK4769-48, EBT-ELK4769-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.256 ng/mL
UniProt	Q61559
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 Mouse FcγRI. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse FcγRI in the samples is then determined by comparing the OD of the samples to the standard curve