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Product Datasheet

Mouse FcεRI(Receptor I For The Fc Region Of Immunoglobulin E) ELISA Kit EBT-ELK4770

Article Name	Mouse FcεRI(Receptor I For The Fc Region Of Immunoglobulin E) ELISA Kit
Biozol Catalog Number	EBT-ELK4770
Supplier Catalog Number	ELK4770
Alternative Catalog Number	EBT-ELK4770-96, EBT-ELK4770-48, EBT-ELK4770-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
UniProt	P20489
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

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