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## Product Datasheet

### Mouse FcεRII(Receptor II For The Fc Region Of Immunoglobulin E) ELISA Kit EBT-ELK10538

Article Name	Mouse FcεRII(Receptor II For The Fc Region Of Immunoglobulin E) ELISA Kit
Biozol Catalog Number	EBT-ELK10538
Supplier Catalog Number	ELK10538
Alternative Catalog Number	EBT-ELK10538-96, EBT-ELK10538-96X5, EBT-ELK10538-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.13 ng/mL
UniProt	<a href="#">P20693</a>
Samples	Serum, plasma, tissue homogenates, cell lysates 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 pre-coated with an antibody specific to Mouse FcεRII. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse FcεRII. 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 FcεRII, 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 FcεRII in the samples is then determined by comparing the OD of the samples to the standard curve