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Product Datasheet

Mouse IL-27(Interleukin 27) ELISA Kit EBT-ELK9612

Article Name	Mouse IL-27(Interleukin 27) ELISA Kit
Biozol Catalog Number	EBT-ELK9612
Supplier Catalog Number	ELK9612
Alternative Catalog Number	EBT-ELK9612-96, EBT-ELK9612-48, EBT-ELK9612-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	18.27 pg/mL
UniProt	Q8K3I6
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Immunology,Cancer. 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 IL-27. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse IL-27. 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 IL-27, 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 IL-27 in the samples is then determined by comparing the OD of the samples to the standard curve