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## Product Datasheet

### **Rat MIP1b(Macrophage Inflammatory Protein 1 Beta) Microsample ELISA Kit EBT-ELK2545MS**

Article Name	Rat MIP1b(Macrophage Inflammatory Protein 1 Beta) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2545MS
Supplier Catalog Number	ELK2545MS
Alternative Catalog Number	EBT-ELK2545MS-96, EBT-ELK2545MS-48, EBT-ELK2545MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	31 pg/mL
UniProt	<a href="#">P50230</a>
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, 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 Rat MIP1b. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MIP1b. 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 Rat MIP1b, 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 Rat MIP1b in the samples is then determined by comparing the OD of the samples to the standard curve