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Product Datasheet

Rat BRAK(Breast And Kidney Expressed Chemokine) ELISA Kit EBT-ELK10770

Article Name	Rat BRAK(Breast And Kidney Expressed Chemokine) ELISA Kit
Biozol Catalog Number	EBT-ELK10770
Supplier Catalog Number	ELK10770
Alternative Catalog Number	EBT-ELK10770-96, EBT-ELK10770-96X5, EBT-ELK10770-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.054 ng/mL
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: 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 BRAK. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat BRAK. 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 BRAK, 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 BRAK in the samples is then determined by comparing the OD of the samples to the standard curve