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Product Datasheet

Rat GROa/CXCL1(Growth Regulated Oncogene Alpha) ELISA Kit EBT-ELK1237

Article Name	Rat GROa/CXCL1(Growth Regulated Oncogene Alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK1237
Supplier Catalog Number	ELK1237
Alternative Catalog Number	EBT-ELK1237-96, EBT-ELK1237-48, EBT-ELK1237-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6.7 pg/mL
UniProt	P14095
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, Tumor immunity, 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 GROa/CXCL1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GROa/CXCL1. 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 GROa/CXCL1, 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 GROa/CXCL1 in the samples is then determined by comparing the OD of the samples to the standard curve