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Product Datasheet

Rat VGF(VGF Nerve Growth Factor Inducible) ELISA Kit EBT-ELK6057

Article Name	Rat VGF(VGF Nerve Growth Factor Inducible) ELISA Kit
Biozol Catalog Number	EBT-ELK6057
Supplier Catalog Number	ELK6057
Alternative Catalog Number	EBT-ELK6057-96, EBT-ELK6057-48, EBT-ELK6057-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	18.86 pg/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: Metabolic pathway, Infection immunity, Neuro science,. 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 VGF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat VGF. 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 VGF, 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 VGF in the samples is then determined by comparing the OD of the samples to the standard curve