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## Product Datasheet

### Rat p-JNK(Phosphorylated c-Jun N-terminal kinases) ELISA Kit EBT-ELK0960

Article Name	Rat p-JNK(Phosphorylated c-Jun N-terminal kinases) ELISA Kit
Biozol Catalog Number	EBT-ELK0960
Supplier Catalog Number	ELK0960
Alternative Catalog Number	EBT-ELK0960-96, EBT-ELK0960-48, EBT-ELK0960-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.148 ng/mL
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

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