

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Rat Phospho Extracellular Signal Regulated Kinase 1/2 (pERK1/2) ELISA Kit BYT-ORB1947375

Article Name	Rat Phospho Extracellular Signal Regulated Kinase 1/2 (pERK1/2) ELISA Kit
Biozol Catalog Number	BYT-ORB1947375
Supplier Catalog Number	orb1947375
Alternative Catalog Number	BYT-ORB1947375-48,BYT-ORB1947375-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Phospho Extracellular Signal Regulated Kinase 1/2 (pERK1/2) ELISA Kit...
Range	0.16-10ng/mL
Sensitivity	0.1 ng/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	pERK1/2

Application Notes

Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat pERK1/2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat pERK1/2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat pERK1/2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Rat pERK1/2. You can calculate the concentration of Rat pERK1/2 in the samples by comparing the OD of the samples to the standard curve