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Product Datasheet

Mouse Extracellular Signal Regulated Kinase 1 (ERK1) ELISA Kit BYT-ORB1496499

Article Name	Mouse Extracellular Signal Regulated Kinase 1 (ERK1) ELISA Kit
Biozol Catalog Number	BYT-ORB1496499
Supplier Catalog Number	orb1496499
Alternative Catalog Number	BYT-ORB1496499-48,BYT-ORB1496499-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse ERK1 ELISA Kit...
Concentration	5000 pg/mL
Range	6.86-5000 pg/mL
Sensitivity	3.05 pg/mL
UniProt	Q63844
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 5000 pg/mL. 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 Mouse ERK1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ERK1. 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 Mouse ERK1, 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 Mouse ERK1 in the samples is then determined by comparing the OD of the samples to the standard curve