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Product Datasheet

Mouse Extracellular Signal Regulated Kinase 2 (ERK2) ELISA Kit BYT-ORB1496498

Artikelname	Mouse Extracellular Signal Regulated Kinase 2 (ERK2) ELISA Kit
Artikelnummer	BYT-ORB1496498
Hersteller Artikelnummer	orb1496498
Alternativnummer	BYT-ORB1496498-48,BYT-ORB1496498-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Produktbeschreibung	Mouse ERK2 ELISA Kit...
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	13.6 pg/mL
UniProt	P63085
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 2000 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 ERK2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ERK2. 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 ERK2, 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 ERK2 in the samples is then determined by comparing the OD of the samples to the standard curve