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## Product Datasheet

### Rat Mitogen Activated Protein Kinase 14 (MAPK14) ELISA Kit BYT-ORB780840

Artikelname	Rat Mitogen Activated Protein Kinase 14 (MAPK14) ELISA Kit
Artikelnummer	BYT-ORB780840
Hersteller Artikelnummer	orb780840
Alternativnummer	BYT-ORB780840-48, BYT-ORB780840-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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 Mitogen Activated Protein Kinase 14(MAPK14)....
Konzentration	80 ng/mL
Detektionsbereich	1.25-80 ng/mL
Sensitivitaet	0.45 ng/mL
UniProt	<a href="#">P70618</a>
Proben	Tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 80 ng/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 Rat MAPK14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MAPK14. 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 MAPK14, 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 MAPK14 in the samples is then determined by comparing the OD of the samples to the standard curve