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Product Datasheet

Rat Peroxiredoxin 5 (PRDX5) ELISA Kit BYT-ORB781583

Artikelname	Rat Peroxiredoxin 5 (PRDX5) ELISA Kit
Artikelnummer	BYT-ORB781583
Hersteller Artikelnummer	orb781583
Alternativnummer	BYT-ORB781583-48, BYT-ORB781583-96
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 Peroxiredoxin 5(PRDX5)....
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	34 pg/mL
UniProt	Q9R063
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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 Rat PRDX5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat PRDX5. 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 PRDX5, 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 PRDX5 in the samples is then determined by comparing the OD of the samples to the standard curve