

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

Product Datasheet

Rat Peroxiredoxin 5 (PRDX5) ELISA Kit BYT-ORB781583

Article Name	Rat Peroxiredoxin 5 (PRDX5) ELISA Kit
Biozol Catalog Number	BYT-ORB781583
Supplier Catalog Number	orb781583
Alternative Catalog Number	BYT-ORB781583-48, BYT-ORB781583-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	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)....
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	34 pg/mL
UniProt	Q9R063
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates 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 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