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Product Datasheet

Human Peroxiredoxin 5 (PRDX5) ELISA Kit BYT-ORB776883

Artikelname	Human Peroxiredoxin 5 (PRDX5) ELISA Kit
Artikelnummer	BYT-ORB776883
Hersteller Artikelnummer	orb776883
Alternativnummer	BYT-ORB776883-48, BYT-ORB776883-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
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	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	12.9 pg/mL
UniProt	P30044
Proben	Tissue homogenates, cerebrospinal fluid 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 Human PRDX5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human PRDX5 in the samples is then determined by comparing the OD of the samples to the standard curve