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Product Datasheet

Mouse Catalase (CAT) ELISA Kit BYT-ORB780144

Artikelname	Mouse Catalase (CAT) ELISA Kit
Artikelnummer	BYT-ORB780144
Hersteller Artikelnummer	orb780144
Alternativnummer	BYT-ORB780144-48, BYT-ORB780144-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Mouse
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 Catalase(CAT)....
Konzentration	4000 pg/mL
Detektionsbereich	62.5-4000 pg/mL
Sensitivitaet	26.1 pg/mL
UniProt	P24270
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 4000 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 CAT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CAT. 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 CAT, 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 CAT in the samples is then determined by comparing the OD of the samples to the standard curve