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Product Datasheet

Pig Catalase (CAT) ELISA Kit BYT-ORB782569

Artikelname	Pig Catalase (CAT) ELISA Kit
Artikelnummer	BYT-ORB782569
Hersteller Artikelnummer	orb782569
Alternativnummer	BYT-ORB782569-48, BYT-ORB782569-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Porcine
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	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.068 ng/mL
UniProt	O62839
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 10 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 Pig CAT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig 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 Pig 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 Pig CAT in the samples is then determined by comparing the OD of the samples to the standard curve