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Product Datasheet

Horse Interleukin 1 Beta (IL1b) ELISA Kit BYT-ORB780092

Artikelname	Horse Interleukin 1 Beta (IL1b) ELISA Kit
Artikelnummer	BYT-ORB780092
Hersteller Artikelnummer	orb780092
Alternativnummer	BYT-ORB780092-48, BYT-ORB780092-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Equine
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 Interleukin 1 Beta(IL1b)....
Konzentration	100 pg/mL
Detektionsbereich	1.57-100 pg/mL
Sensitivitaet	0.58 pg/mL
UniProt	Q28386
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 100 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 Horse IL1b. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse IL1b. 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 Horse IL1b, 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 Horse IL1b in the samples is then determined by comparing the OD of the samples to the standard curve