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## Product Datasheet

### Cattle Heat Shock 70kDa Protein 1B (HSPA1B) ELISA Kit BYT-ORB780902

Artikelname	Cattle Heat Shock 70kDa Protein 1B (HSPA1B) ELISA Kit
Artikelnummer	BYT-ORB780902
Hersteller Artikelnummer	orb780902
Alternativnummer	BYT-ORB780902-48, BYT-ORB780902-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Bovine
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 Heat Shock 70kDa Protein 1B(HSPA1B)....
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.54 ng/mL
UniProt	<a href="#">Q27965</a>
Proben	Tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 100 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 Cattle HSPA1B. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle HSPA1B. 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 Cattle HSPA1B, 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 Cattle HSPA1B in the samples is then determined by comparing the OD of the samples to the standard curve