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## Product Datasheet

### **Cattle HSP-70/HSPA9(HeatShock Protein 70) ELISA Kit EBT-ELK5258**

Artikelname	Cattle HSP-70/HSPA9(HeatShock Protein 70) ELISA Kit
Artikelnummer	EBT-ELK5258
Hersteller Artikelnummer	ELK5258
Alternativnummer	EBT-ELK5258-96, EBT-ELK5258-48, EBT-ELK5258-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.22 ng/mL
UniProt	<a href="#">Q3ZCH0</a>
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Infection immunity, Developmental science,. 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 HSP-70/HSPA9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle HSP-70/HSPA9. 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 HSP-70/HSPA9, 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 HSP-70/HSPA9 in the samples is then determined by comparing the OD of the samples to the standard curve