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## Product Datasheet

### Sheep Immunoglobulin E (IgE) ELISA Kit BYT-ORB782520

Artikelname	Sheep Immunoglobulin E (IgE) ELISA Kit
Artikelnummer	BYT-ORB782520
Hersteller Artikelnummer	orb782520
Alternativnummer	BYT-ORB782520-48, BYT-ORB782520-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Sheep
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 Immunoglobulin E(IgE)....
Konzentration	10 µg/mL
Detektionsbereich	0.16-10 µg/mL
Sensitivitaet	0.062 µg/mL
Proben	Serum, plasma and other biological fluids

Anwendungsbeschreibung

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