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## Product Datasheet

### Horse Immunoglobulin E (IgE) ELISA Kit BYT-ORB1291281

Artikelname	Horse Immunoglobulin E (IgE) ELISA Kit
Artikelnummer	BYT-ORB1291281
Hersteller Artikelnummer	orb1291281
Alternativnummer	BYT-ORB1291281-48, BYT-ORB1291281-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Equine
Produktbeschreibung	Horse IgE (Immunoglobulin E) ELISA Kit...
Konzentration	100 µg/mL
Detektionsbereich	1.57-100 ug/mL
Sensitivitaet	0.65 ug/mL
Pubmed	<a href=https://pubmed.ncbi.nlm.nih.gov/39010246 target=_blank rel=nofollow>39010246
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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