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## Product Datasheet

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

Article Name	Horse Immunoglobulin E (IgE) ELISA Kit
Biozol Catalog Number	BYT-ORB1291281
Supplier Catalog Number	orb1291281
Alternative Catalog Number	BYT-ORB1291281-48, BYT-ORB1291281-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Equine
Product Description	Horse IgE (Immunoglobulin E) ELISA Kit...
Concentration	100 µg/mL
Range	1.57-100 ug/mL
Sensitivity	0.65 ug/mL
Pubmed	<a href=https://pubmed.ncbi.nlm.nih.gov/39010246 target=_blank rel=nofollow>39010246
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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