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## Product Datasheet

### **Pig IgA(Immunoglobulin A) ELISA Kit EBT-ELK10679**

Artikelname	Pig IgA(Immunoglobulin A) ELISA Kit
Artikelnummer	EBT-ELK10679
Hersteller Artikelnummer	ELK10679
Alternativnummer	EBT-ELK10679-96, EBT-ELK10679-96X5, EBT-ELK10679-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Porcine
Konzentration	100 µg/mL
Detektionsbereich	1.57-100 µg/mL
Sensitivitaet	0.48 µg/mL
Proben	Serum, plasma and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Immune molecule, Hematology, Pulmonology, . 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 Pig IgA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig IgA. 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 Pig IgA, 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 Pig IgA in the samples is then determined by comparing the OD of the samples to the standard curve