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Product Datasheet

Chicken IgA(Immunoglobulin A) ELISA Kit EBT-ELK10825

Article Name	Chicken IgA(Immunoglobulin A) ELISA Kit
Biozol Catalog Number	EBT-ELK10825
Supplier Catalog Number	ELK10825
Alternative Catalog Number	EBT-ELK10825-96, EBT-ELK10825-96X5, EBT-ELK10825-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	200 µg/mL
Range	3.13-200 µg/mL
Sensitivity	0.97 µg/mL
Samples	serum, plasma and other biological fluids

Application Notes

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 Chicken IgA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken 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 Chicken 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 Chicken IgA in the samples is then determined by comparing the OD of the samples to the standard curve