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## Product Datasheet

### Chicken IgY(Immunoglobulin of Yolk) ELISA Kit EBT-ELK9182

Article Name	Chicken IgY(Immunoglobulin of Yolk) ELISA Kit
Biozol Catalog Number	EBT-ELK9182
Supplier Catalog Number	ELK9182
Alternative Catalog Number	EBT-ELK9182-96, EBT-ELK9182-48, EBT-ELK9182-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	400 µg/mL
Range	6.25-400 µg/mL
Sensitivity	1.81 µg/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Infection immunity, Immune molecule, Hematology,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Chicken IgY. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken IgY. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 IgY in the samples is then determined by comparing the OD of the samples to the standard curve