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Product Datasheet

Chicken MBL(Mannose Binding Lectin) ELISA Kit EBT-ELK11170

Article Name	Chicken MBL(Mannose Binding Lectin) ELISA Kit
Biozol Catalog Number	EBT-ELK11170
Supplier Catalog Number	ELK11170
Alternative Catalog Number	EBT-ELK11170-96, EBT-ELK11170-48, EBT-ELK11170-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	10 µg/mL
Range	0.16-10 µg/mL
Sensitivity	0.049 µg/mL
UniProt	Q98TA4
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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