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Product Datasheet

Chicken IgM(Immunoglobulin M) ELISA Kit EBT-ELK1319

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| Article Name | Chicken IgM(Immunoglobulin M) ELISA Kit |
| Biozol Catalog Number | EBT-ELK1319 |
| Supplier Catalog Number | ELK1319 |
| Alternative Catalog Number | EBT-ELK1319-96, EBT-ELK1319-96X5, EBT-ELK1319-48 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Gallus |
| Concentration | 100 µg/mL |
| Range | 1.57-100 µg/mL |
| Sensitivity | 0.71 µg/mL |
| UniProt | P01875 |
| Samples | serum, plasma, and other biological fluids |

Application Notes

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