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## Product Datasheet

### Dog IgM(Immunoglobulin M) ELISA Kit EBT-ELK9721

Article Name	Dog IgM(Immunoglobulin M) ELISA Kit
Biozol Catalog Number	EBT-ELK9721
Supplier Catalog Number	ELK9721
Alternative Catalog Number	EBT-ELK9721-96, EBT-ELK9721-96X5, EBT-ELK9721-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	10 µg/mL
Range	0.16-10 µg/mL
Sensitivity	0.069 µg/mL
Samples	serum and plasma

Application Notes	<p>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 Dog IgM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog 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 Dog 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 Dog IgM in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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