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Product Datasheet

Sheep sIgA(Secretory Immunoglobulin A) ELISA Kit EBT-ELK0009

Article Name	Sheep sIgA(Secretory Immunoglobulin A) ELISA Kit
Biozol Catalog Number	EBT-ELK0009
Supplier Catalog Number	ELK0009
Alternative Catalog Number	EBT-ELK0009-96, EBT-ELK0009-48, EBT-ELK0009-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Sheep
Concentration	10 µg/mL
Range	0.16-10 µg/mL
Sensitivity	0.049 µg/mL
Samples	serum, plasma, saliva and other biological fluids

Application Notes

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