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Product Datasheet

Sheep IgG(Immunoglobulin G) ELISA Kit EBT-ELK0196

Article Name	Sheep IgG(Immunoglobulin G) ELISA Kit
Biozol Catalog Number	EBT-ELK0196
Supplier Catalog Number	ELK0196
Alternative Catalog Number	EBT-ELK0196-96, EBT-ELK0196-48, EBT-ELK0196-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Sheep
Concentration	100 µg/mL
Range	1.57-100 µg/mL
Sensitivity	0.55 µg/mL
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: 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 Sheep IgG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep IgG. 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 IgG, 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 IgG in the samples is then determined by comparing the OD of the samples to the standard curve