

Sheep Immunoglobulin G (IgG) ELISA Kit

Catalog No: #EK21678

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Description

Product Name	Sheep Immunoglobulin G (IgG) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Sheep
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range: 7.8 $\mu\text{g/mL}$ - 500 $\mu\text{g/mL}$ Sensitivity: 3.9 $\mu\text{g/mL}$

Sample Type: Serum, Plasma, Other biological fluids

Sample Volume: 1-200 μL

Assay Time: 1-4.5h

Detection wavelength: 450 nm

Product Description

The microtiter plate provided in this kit has been pre-coated with Sheep IgG. Samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody preparation specific for Sheep IgG and incubated. Then substrate solutions are added to each well. Only those wells that contain Sheep IgG and enzyme-conjugated Sheep IgG will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm.

Note: This product is for in vitro research use only