Native Sheep Immunoglobulin A

Cat. No. IgA-239S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Sheep Immunoglobulin A, Tag Free
Species	Sheep
Source	Sera
Description	Immunoglobulin A (IgA, also referred to as sIgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). In its secretory form, IgA is the main immunoglobulin found in mucous secretions, including tears, saliva, sweat, colostrum and secretions from the genitourinary tract, gastrointestinal tract, prostate and respiratory epithelium. sIgA can also inhibit inflammatory effects of other immunoglobulins. IgA is a poor activator of the complement system, and opsonises only weakly.
Tag	Non
Form	Clear solution
Molecular Mass	~160 kDa
Purity	Protein-A Affinity purified to greater than 95%. Validated by SDS-PAGE.
Applications	ELISA, WB, IP, IHC. For laboratory research use only

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Stability	Stable for 60 months if stored at recommended storage conditions.
Storage	Store at 4 centigrade in the fridge for short term use. Aliquot and store at -20 or -80 centigrade for long term storage. Avoid repeated freeze thaw cycles.
Storage Buffer	Provided as sterile filtered solution in PBS, pH 7.2.
Preservative	No preservatives added.
Concentration	1 mg/mL
Shipping	Antibody may be shipped on ice packs at ambient temperature.

GENE INFORMATION

Official Symbol	IgA
Synonyms	IgA; Ovine Immunoglobulin-A

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