

## Native Sheep Immunoglobulin A

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

### SPECIFICATION

<b>Product Overview</b>	Native Sheep Immunoglobulin A, Tag Free
<b>Species</b>	Sheep
<b>Source</b>	Sera
<b>Description</b>	<p>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.</p>
<b>Tag</b>	Non
<b>Form</b>	Clear solution
<b>Molecular Mass</b>	~160 kDa
<b>Purity</b>	Protein-A Affinity purified to greater than 95%. Validated by SDS-PAGE.
<b>Applications</b>	ELISA, WB, IP, IHC. For laboratory research use only

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<b>Stability</b>	Stable for 60 months if stored at recommended storage conditions.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Provided as sterile filtered solution in PBS, pH 7.2.
<b>Preservative</b>	No preservatives added.
<b>Concentration</b>	1 mg/mL
<b>Shipping</b>	Antibody may be shipped on ice packs at ambient temperature.
<b>GENE INFORMATION</b>	
<b>Official Symbol</b>	IgA
<b>Synonyms</b>	IgA; Ovine Immunoglobulin-A

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