

Product Datasheet

Rabbit anti-Bovine IgA/Secretory Component Secondary Antibody NBP2-69292

Unit Size: 1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-69292**Rabbit anti-Bovine IgA/Secretory Component Secondary Antibody**

Product Information	
Unit Size	1 ml
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2).
Purity	Whole Antiserum
Buffer	Delipidated, heat inactivated lyophilized whole antiserum

Product Description	
Description	The lyophilized antiserum is shipped at ambient temperature and may be stored at 4C; prolonged storage at or below -20C. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at 4C, not refrozen, and preferably used the same day.
Host	Rabbit
Species	Bovine
Reactivity Notes	The antiSerum does not cross-react with any other component of the Bovine Ig system. Interspecies cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail.
Specificity/Sensitivity	The reactivity of the antiserum is restricted to the Fc part of the IgA molecule and to surface and hidden determinants of the secretory component as tested in immunoelectrophoresis and radial immunodiffusion. In immunoelectrophoresis using various antiserum concentrations against normal bovine milk two precipitin lines may be obtained, one representing IgA and the other the free secretory component. Against normal bovine serum only IgA is precipitated. No precipitation reaction is obtained with purified IgG, IgM, and IgG/Fab fragments. Antisera to IgA do not discriminate between serum IgA (monomeric and dimeric) and higher molecular forms as secretory IgA.
Immunogen	Highly purified IgA/Secretory Component isolated from pooled bovine milk. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product Application Details	
Applications	ELISA, Immunodiffusion, Immunoelectrophoresis
Recommended Dilutions	ELISA, Immunodiffusion, Immunoelectrophoresis
Application Notes	<p>Precipitation assays. In immunoelectrophoresis use 2 ul serum or equivalent against 120 ul antiserum. In double radial immunodiffusion use a rosette arrangement with 10 ul antiserum in 3 mm diameter center well and 2 ul serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.</p> <p>Precipitation assays</p>



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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