

Datasheet for ABIN457729

## Pig anti-Goat IgA (Dimer) Antibody - Preadsorbed



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### Overview

Quantity:	1 mL
Target:	IgA
Binding Specificity:	Dimer
Reactivity:	Goat
Host:	Pig
Clonality:	Polyclonal
Application:	Immunodiffusion (ID), Immuno-electrophoresis (IEP)

### Product Details

Immunogen:	Highly purified secretory IgA isolated from pooled goat milk. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	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 immuno-electrophoresis and radial immunodiffusion. In immuno-electrophoresis using various antiserum concentrations against normal goat milk two precipitin lines may be obtained, one representing IgA and the other the free secretory component. Against normal goat serum only IgA is precipitated. No precipitation reaction is obtained with purified IgG, IgM, and IgG/Fab fragments
Cross-Reactivity (Details):	The antiserum does not cross-react with any other component of the goat Ig system. Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. of this antiserum has not been tested in detail.

## Product Details

Characteristics:	Precipitating polyclonal swine antiserum to goat secretory IgA Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal swine serum. No foreign proteins added. Antibody titre: Precipitin titre 1:32 when tested against pooled normal goat serum in agar-block immunodiffusion titrations Delipidated, heat inactivated, lyophilized, stable whole antiserum
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Purification:	Preadsorption: Immunoaffinity adsorbed using insolubilized antigens
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## Target Details

Target:	IgA
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Abstract:	<a href="#">IgA Products</a>
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Target Type:	Antibody
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## Application Details

Application Notes:	In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgA in goat serum, milk or other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of goat IgA from serum or exocrine secretions. Antisera to IgA do not discriminate between serum IgA (monomeric and dimeric) and higher molecular forms as secretory IgA. This antiserum is not intended for use in non-precipitating antibody-binding or other highly sensitive assays. This does not exclude such use if proper controls are included.
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Preservative:	Without preservative
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Storage:	4 °C/-20 °C
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Storage Comment:	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4 °C, prolonged storage at or below -24 °C. Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. 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 +4 °C, not refrozen, and preferably used the
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same day.