Datasheet for ABIN457730

Pig anti-Goat IgA Antibody

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Overview

Quantity:	1 mL
Target:	IgA
Reactivity:	Goat
Host:	Pig
Clonality:	Polyclonal
Application:	Immunoprecipitation (IP)

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.
Specificity:	Precipitating polyclonal Swine antiSerum to Goat IgA.
Cross-Reactivity (Details):	The antiSerum does not cross-react with any other component of the Goat Ig system or any other plasma protein. Inter-species 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.
Characteristics:	The reactivity of the antiserum is restricted to the Fc part of the IgA molecule as tested in immunoelectrophoresis and radial immunodiffusion. In immunoelectrophoresis using various antiserum concentrations against normal goat serum only IgA is precipitated. No precipitation reaction is obtained with purified IgG, IgM, and IgG/Fab fragments. In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgA in goat serum or other body fluids or to determine its concentration. To prepare an immunoadsorbent for the purification of goat IgA from serum or exocrine secretions. Antisera to IgA do not

Product Details

	discriminate between serum IgA (monomeric and dimeric) and higher molecular forms as secretory IgA. This antiserum is not intended for use in non-precipitating antibodybinding or other highly sensitive assays. This does not exclude such use if proper controls are include.
Purification:	Delipidated, heat inactivated, stable whole serum
Sterility:	Heat-inactivated

Target Details

Target:	IgA
Abstract:	IgA Products
Target Type:	Antibody

Application Details

Application Notes:	In immunoelectrophoresis use 2 µL serum or equivalent against 120 µL antiserum. In double radial immunodiffusion use a rosette arrangement with 10 µL antiserum in 3 mm diameter centre well and 2 µL serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water.Delipidated, heat inactivated, lyophilized, stable whole antiserum. No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal swine serum. No foreign proteins added. Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water.
Buffer:	Delipidated, heat inactivated, lyophilized, stable whole antiserum. No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal swine serum. No foreign proteins added.
Preservative:	Without preservative
Storage:	RT,4 °C,-20 °C
Storage Comment:	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C,

prolonged storage at or below -20°C. 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 same day.