

Datasheet for ABIN457776

Sheep anti-Guinea Pig IgA, IgG, IgM (Heavy & Light Chain) Antibody



[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	IgA, IgG, IgM
Binding Specificity:	Heavy & Light Chain
Reactivity:	Guinea Pig
Host:	Sheep
Clonality:	Polyclonal
Application:	Immunodiffusion (ID), Immunoelectrophoresis (IEP), Radial Immunodiffusion (RID)

Product Details

Immunogen:	Purified normal Ig fractions isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	The reactivity of the antiserum is directed to the Fc and Fab subunits of the major immunoglobulins.
Characteristics:	Total protein and IgG concentration in the antiserum are comparable to those of pooled sheep serum. Antibody titre: Precipitin titre not less than 1:32 when tested against normal guinea pig serum in agar block titration.
Purification:	Delipidated, heat inactivated, lyophilized stable whole serum Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibody activity with other serum protein. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.

Target Details

Target:	IgA, IgG, IgM
Alternative Name:	IgG + IgA + IgM (IgA, IgG, IgM Products)
Target Type:	Antibody

Application Details

Application Notes:	In immunoelectrophoresis and single and double radial immunodiffusion (Mancini, Ouchterlony) to identify and measure immunoglobulins, as secondary antibody to precipitate the immunoglobulin in normal guinea pig serum.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is reconstituted by adding 1 mL sterile distilled water.
Buffer:	No foreign proteins added.
Preservative:	Without preservative
Handling Advice:	Working dilutions are prepared by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4 °C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product.
Storage:	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 -24 °C.