

Sheep anti Guinea Pig IgG1 IgG2 IgA IgM (heavy and light chains) Secondary Antibody

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CATALOG # AAA77606	HOST Sheep	APPLICATIONS IEP (Immunoelectrophoresis)
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PRODUCT SYNONYMS

Sheep anti Guinea Pig IgG1 IgG2 IgA IgM (heavy and light chains); Polyclonal Secondary Antibody; Sheep anti Guinea Pig IgG1 IgG2 IgA IgM (heavy and light chains) secondary antibody

PRODUCT SPECIFICATIONS

Host	Sheep
Clonality	Polyclonal
Specificity	Precipitating polyclonal Sheep antiSerum to Guinea Pig immunoglobulins IgG, IgA and IgM, heavy and light chains.
Form/Format	Delipidated, heat inactivated, lyophilized, stable whole serum. No preservative added, as it may interfere with the antibody activity. No foreign protein added. Total protein and IgG concentration in the antiserum are comparable to those of pooled sheep s
Applicable Applications for Sheep anti Guinea Pig IgG1 IgG2 IgA IgM (heavy and light chains) secondary antibody	IEP (Immunoelectrophoresis)
Source	Purified normal Ig fractions isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure
Product	Delipidated, heat inactivated, lyophilized, stable whole serum. No preservative added, as it may interfere with the antibody activity. No foreign protein added. Total protein and IgG concentration in the antiserum are comparable to those of pooled sheep serum. No foreign proteins added. It is reconstituted by adding 1 ml sterile distilled water.
Reactivity Note	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.
Preparation and Storage	The lyophilized antiserum is shipped on blue ice and may be stored at +4°C; prolonged storage at or below -20°C. 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.

ADDITIONAL INFORMATION

Related Product Information for Sheep anti Guinea Pig IgG1 IgG2 IgA IgM (heavy and light chains) secondary antibody	The reactivity of the antiserum is directed to the Fc and Fab subunits of the major immunoglobulins. It does not react with any non-Ig protein in guinea pig serum, as tested by immunoelectrophoresis and double radial immunodiffusion. 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.
Product Categories/Family for Sheep anti Guinea Pig IgG1 IgG2 IgA IgM (heavy and light chains) secondary antibody	Antisera

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

