

Swine anti Human IgG (Fc specific) Secondary Antibody

Swine anti Human IgG (Fc specific)

CATALOG #
AAA77616

HOST
Swine

PRODUCT SYNONYMS

Swine anti Human IgG (Fc specific); Polyclonal Secondary Antibody; Swine anti Human IgG (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Swine
Clonality	Polyclonal
Specificity	The reactivity of the antiserum is restricted to the Fc part of IgG. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against normal human serum a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgG. No precipitation reaction is obtained with purified IgA, IgM, and IgG/Fab fragments.
Form/Format	Delipidated, heat inactivated, lyophilized, stable whole antiserum
Concentration	Protein concentration Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal swine serum. No foreign proteins added. (varies by lot)
Preservative	No preservative added.
Immunogen	Highly purified Fc fragment of normal IgG isolated from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Adsorption	Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies cross-reacting with other components of the immunoglobulin system or reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.
Antibody titre	Precipitin titre 1 :64 when tested against pooled normal human serum in agar-block immunodiffusion titration.
Intended use	In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgG in human serum or other body fluids or to determine its concentration.To prepare an immunoabsorbent for the purification of human IgG from serum or plasma.
Directions for use	In immunoelectrophoresis use 2 uL serum or equivalent against 120 uL antiserum. In double radial immunodiffusion (Ouchterlony) 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.
Packing	Vial with 1 mlyophilized antiserum.
Handling	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4 degree C; prolonged storage at or below -20 degree 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 degree C, not refrozen, and preferably used the same day.
Caution	This antiserum should be handled by qualified persons only and appropriate precautions should be taken in its handling and disposal, and of all associated materials. For in vitro research purposes only.
Preparation and Storage	Storage I shelf life: Lyophilized at +4 degree C = at least 10 years Reconstituted at or below -20 degree C = 3-5 years Reconstituted at +4 degree C =7 days

ADDITIONAL INFORMATION

Related Product Information for Swine anti Human IgG (Fc specific) secondary antibody	Precipitating polyclonal swine antiserum to human IgG, Fc specific
Product Categories/Family for Swine anti Human IgG (Fc specific) 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/swine-anti-human-igg-fc-specific-secondary-antibody-elisa/77616>