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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Goat anti Human albumin

Catalogue number: **GAHu/Alb**

Clone	Polyclonal
Product Type	Primary Antibodies
Units	1 ml
Host	Goat
Species reactivity	Human
Application	Immunoprecipitation

Distributors

For Purchasing Information, please contact your local distributor

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Background

The defined antibody specificity is directed to albumin as tested against human sera. In immunoelectrophoresis and double radial immunodiffusion (Ouchterlony), using various antiserum concentrations against appropriate concentrations of the immunogen, a single characteristic precipitin line is obtained which shows a reaction of identity with the precipitin lines obtained against human serum and the purified albumin. As precipitating antiserum to identify or measure human albumin by a variety of immunodiffusion techniques, including immunoelectrophoresis, single and double radial immunodiffusion (Mancini, Ouchterlony) and electroimmunodiffusion (Laurell). It has not been tested for use in nephelometry, ELISA or immunochemistry, but this does not exclude such use if proper controls are included.

Source

Highly purified albumin isolated from human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product

Delipidated, heat inactivated, lyophilized, stable whole antiserum. No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those in pooled goat serum. No foreign proteins added.

Applications

Immunoprecipitation. In immunoelectrophoresis use 2 μ l serum, plasma or equivalent against 120 μ l antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 μ l antiserum in a 3 mm diameter centre well and 2 μ l serum samples (neat and serially diluted) in 2 mm diameter peripheral wells. In single radial immunodiffusion and electroimmunodiffusion use 0.5 to 1.0 percent antiserum in the agar gel.

Cross Reactivity

Inter-species cross-reactivity is a normal feature of antibodies to Serum proteins, since homologous proteins of different species frequently share antigenic determinants. The degree of cross-reactivity is also dependent on the concentrations of the reactants and the sensitivity of the assay arrangement. This antiSerum has not been tested for cross-reactivity.

Specificity

Precipitating polyclonal Goat antiSerum to Human Serum albumin

Storage

The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°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 same day. Lyophilized at +4° C--at least 10 years reconstituted at or below -20° C--3-5 years reconstituted at +4° C--7 days

Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. This datasheet is as accurate as reasonably achievable, but Nordic-MUbio accepts no liability for any inaccuracies or omissions in this information.