



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



Goat anti Mouse major urinary protein

Catalogue number: **GAM/MUP**

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

Background

The reactivity of the antiserum is restricted to mouse MUP. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against normal mouse plasma characteristic precipitin lines are obtained which show a reaction of identity with the precipitin lines obtained with purified immunogen. No reaction is obtained with any other plasma protein components or serum. In precipitating techniques as immunoelectrophoresis and single or double radial immunodiffusion (Mancini, Ouchterlony) and electroimmunodiffusion (Laurell) to identify or measure the concentration of MUP. Proteins isolated from urine, such as Bence Jones proteins, may contain MUP as an impurity. This antiserum can be used to identify the impurity and also to remove it by immunoaffinity adsorption. It has not been tested for use in nephelometry, ELISA or immunohistology, but this does not exclude such use if proper controls are included.

Source

The MUP is a sex related complex with a pre-albumin mobility in gel electrophoresis. Concentrations in male mice are between 50 to 150 µg/ml, in female mice 10 to 20 µg/ml. The complex is also detectable in serum, however concentrations are about 200 to 400 times lower. Variations in the composition of the complex are genetically determined. Purified mouse major urinary proteins are isolated from pooled normal urine. 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, as it may interfere with the antibody activity. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum. No foreign

Distributors

For Purchasing Information, please contact your local distributor

[Find Distributor](#)

proteins added.

Applications

Immunoprecipitation. In immunoelectrophoresis use 2 µl urine, plasma or equivalent against 120 µl antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 µl antiserum in a 3 mm diameter centre well and 2 µl serum samples (neat and diluted) in 2 mm diameter peripheral wells.

Cross Reactivity

The antiSerum does not cross-react with any other component of Mouse plasma. Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins since they frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail.

Specificity

Precipitating polyclonal Goat antiSerum to Mouse major urinary proteins.

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.