



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) 



Sheep anti Human salivary amylase

Catalogue number: **ShAHu/sAmy**

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

Background

The reactivity of the antiserum is restricted to salivary amylase. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against human saliva a single precipitin line is obtained and shows a reaction of full identity with the purified immunogen. No reaction is obtained with human plasma. In precipitating techniques as immunoelectrophoresis and single and double radial immunodiffusion (Mancini, Ouchterlony) to identify the presence of salivary amylase or to determine its concentration. The presence of non-precipitating antibodies has not been assayed. This does not exclude the use of the antiserum in non-precipitating antibodybinding techniques if proper controls are included.

Source

Human salivary amylase is an enzyme hydrolyzing the alpha-1,4-glucan links in polysaccharides. Its molecular weight is 55,000. The immunogen has been isolated from pooled saliva and purified to homogeneity for use in the antiserum production. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product

Delipidated, heat inactivated, lyophilized, stable antiserum. No preservative added Total protein and IgG concentration are comparable to those of pooled normal sheep serum. No foreign proteins added

Applications

Immunoprecipitation. In immunoelectrophoresis in agarose-plates use 2 µl human saliva or equivalent against 120 µl antiserum. In double radial immunodiffusion use a rosette arrangement with 10 µl antiserum in 3 mm diameter center well and 2 µl plasma samples

Distributors

For Purchasing Information, please contact your local distributor

[Find Distributor](#)

(neat and serially diluted) in 2 mm diameter peripheral wells.

Cross Reactivity

The antiSerum does not cross-react with any other Human plasma proteins as tested in gel-diffusion techniques. Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins, since homologous proteins of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail.

Specificity

Precipitating polyclonal Sheep antiSerum to Human salivary amylase.

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.