



# 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

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## Goat anti Swine haptoglobin

Catalogue number: **GASw/Hp**

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

## Distributors

For Purchasing Information, please contact your local distributor

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### Background

The reactivity of the antiserum is restricted to haptoglobin. In immunoelectrophoresis and radial immunodiffusion (Ouchterlony), using various antiserum concentrations against fresh normal swine plasma a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified haptoglobin. No reaction is obtained with any other plasma protein component or serum. In precipitating techniques as immunoelectrophoresis and single or double radial immunodiffusion to identify the presence of haptoglobin in swine plasma or other body fluids or to determine its concentration. The presence of non-precipitating antibodies has not been assayed. This does not exclude the use in non-precipitating antibody-binding techniques if proper controls are included.

### Source

Haptoglobin is an acute phase protein synthesized in the liver. In immunoelectrophoresis it has an alpha-2 mobility. It forms a group of heterogeneous proteins consisting of four peptide chains, two alpha and two beta chains. The molecular weight is about 86,000. Haptoglobin combines with haemoglobin and is then rapidly catabolized. Concentration is elevated in cases of inflammation and reduced in liver disease and haemolytic anaemia. 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 of pooled normal goat serum.  
No foreign proteins added.

### Applications

Immunoprecipitation. In immunoelectrophoresis use 2 ml or equivalent against 120 ml antiserum. In double radial

immunodiffusion (Ouchterlony) use a rosette arrangement with 10 ml in a 3 mm diameter center well and 2 ml serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.

#### **Cross Reactivity**

The antiSerum does not cross-react with any other component of Swine plasma. Inter-species crossreactivity is a normal feature of antibodies to plasma proteins since they frequently share antigenic determinants. Cross-reactivity of this antiSerum has been tested in double radial immunodiffusion anti several sera with the following results: Bovine - Cat - Chicken - Dog - Duck - Guinea Pig - Hamster - Horse - Human - Monkey - Mouse - pigeon - Rat - Sheep - Turkey-

#### **Specificity**

Precipitating polyclonal Goat antiSerum to Swine haptoglobin

#### **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.