



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Rabbit anti Human alpha-1 orosomuroid

Catalogue number: **RAHu/A10**

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

### Background

The reactivity of the antiserum is restricted to alpha-foetoprotein. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against amniotic fluid, hepatoma sera and purified alpha-foetoprotein a single precipitin line is obtained. No precipitation reaction is obtained with normal human serum. In precipitating techniques as immunoelectrophoresis and single and double radial immunodiffusion (Mancini, Ouchterlony) to identify the presence of alpha-1 orosomuroid or to determine its concentration.

### Source

Alpha-1 orosomuroid is a glycoprotein with a molecular weight of 41,000. It is an acute phase protein with a carbohydrate content of 42%. The mean concentration of this protein in serum is 900 µg/ml. Concentrations are elevated in cases of tissue damage, inflammation, oestrogen administration and the presence of myeloma. 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 rabbit serum. No foreign proteins added.

### Applications

Immunoprecipitation. In immunoelectrophoresis use 2 µl serum 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 amniotic fluid or hepatoma serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.

## Distributors

For Purchasing Information, please contact your local distributor

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**Cross Reactivity**

The antiSerum does not cross-react with any other Human plasma proteins as tested in geldiffusion techniques. Inter-species cross-reactivity is a normal feature of antibodies to mammalian Serum 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 Rabbit antiSerum to Human alpha-1 orosomuroid (alpha-1 acid glycoprotein).

**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.