



# 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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## Sheep anti Atrazine

Catalogue number: **S52p**

Clone	Polyclonal
Product Type	Primary Antibodies
Units	0.5 ml
Host	Sheep
Application	ELISA

## Distributors

For Purchasing Information, please contact your local distributor

[Find Distributor](#)

### Background

Atrazine is a herbicide against pre- and post-emergence broadleaf and grassy weeds. It is a very persistent compound and it has been banned in the EU since 2004. Its main toxic effect is as endocrine disruptor.

### Source

Serum of sheep immunised with BSA-atrazine conjugate, and purified using caprylic acid

### Product

Each vial contains 0.5 ml of purified (caprylic acid) Sheep Polyclonal IgG

### Applications

Depending on conjugate: dilution 1/500 . (The titer is defined as the dilution that gives 50 % of the absorbance from the maximum absorbance when tested with ELISA). Suggested concentration to use in ELISA: 1/500 from the delivered solution. Plates are coated with 400 ng/ml OVA-conjugated Atrazine. HRP-conjugated anti-sheep IgG as a tracer 1/8,000

### Cross Reactivity

Cross Reactivity Atrazine 100% Propazine 150% Simazine 4% Ametryn 2500% Prometryn 1700% Simetryn 280% Terbutylazine 2% Atrazine-desethyl 7% Atrazine desisopropyl 1% Atrazine-2-hydroxy 1% Cinosulfuron <0.1% Prosulfuron <0.1% Triasulfuron <0.1% Chlorpyrifos <0.1% Clofibrinezuur <0.1% Deltametrin <0.1% Diclofenac 1% Etrimfos 1% Erythromycine <0.1% Fenitrothion <0.1% Fenofibraat <0.1% Atrazine 21% Ibuprofen <0.1% Malathion <0.1% Maleaminezuur <0.1% Metoprolol <0.1% Metacrifos <0.1% 4-n-Nonylphenol 2% Permetrin <0.1% Pirimifos-ethyl <0.1% Sulfadimidine <0.1% Vinclozolin <0.1%

### Specificity

Immunogen: BSA-atrazine conjugate, Target: Atrazine, CAS no.:

1912-24-9. The specificity of the antibody was determined by measuring the cross-reactivity with a range of compounds in ELISA.

**Storage**

Store at 4 °C or aliquot and store at -20 °C for longer periods. Precautions should be taken upon storage for longer periods. Problems of long term stability may occur with highly diluted solutions. No other preservative agent has been added to the present formulation. For long storage purposes in solution the addition of sodium azide at 0.02 % is advised with the appropriate precautions of use.

**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 product contains sodium azide. To prevent formation of toxic vapors, do not mix with strong acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water. This datasheet is as accurate as reasonably achievable, but Nordic-MUbio accepts no liability for any inaccuracies or omissions in this information.