



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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



## Chicken anti Fenitrothion

Catalogue number: **C3p**

Clone	Polyclonal
Isotype	IgY
Product Type	Primary Antibodies
Units	1 ml
Host	Chicken
Application	ELISA

## Distributors

For Purchasing Information, please contact your local distributor

[Find Distributor](#)

### Background

Fenitrothion is an insecticide belonging to the group of organophosphothioates. It is found on fruits, vegetables and in the environment. Application is also in the storage of grain products. It has adverse effects on algae and mammals due to its biological activity as acetylcholine esterase inhibitor. In water organisms it may have an endocrine (thyroidal) effect.

### Source

Chicken egg yolk, purified by PEG extraction

### Product

Each vial contains 1 ml 5mg/ml of purified (PEG) polyclonal antibody

### Applications

Dilution of 1/10,000 from the delivered solution. (The titer is defined as the dilution that gives 50 % of the maximum absorbance when tested with ELISA). Suggested concentration to use in ELISA: 1/10,000 from the delivered solution. Plates are coated with 400 ng/ml OVA-conjugated fenitrothion. HRP-conjugated anti-chicken-IgG as a tracer 1/8,000.

### Cross Reactivity

Cross Reactivity Pesticides % Cross Reactivity Fenitrothion 100% 2-4 D <0.1% Chlorpiriphos <0.1% Deltametrin <0.1% Pirimiphos <0.1% Permethrin <0.1% Etrimphos <0.1% Atrazine <0.1% Methacrimphos <0.1% Aldicarb <0.1% Malathion <0.1% Tebuconazole <0.1%

### Specificity

Immunogen: BSA-Fenitrothion Conjugate, Target: Fenitrothion, CAS no.: 122-14-5, Solubility: Organic solvents

### 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.