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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Rabbit anti Chlorpyrifos

Catalogue number: **H34p**

Clone	Polyclonal
Product Type	Serum
Units	0.5 ml
Host	Rabbit
Application	ELISA

Distributors

For Purchasing Information, please contact your local distributor

[Find Distributor](#)

Background

Chlorpyrifos is an insecticide belonging to the group of organophosphothioates. It is used in the culture of vegetables and in citrus orchards. Chlorpyrifos is an acetylcholinesterase inhibitor and as such highly toxic, having an effect on the nerve system. There is evidence that chlorpyrifos has an effect on the fetus that may lead to behavioural disorders and lowered concentration.

Source

Rabbit immune serum

Product

Each vial contains 0.5 ml 0.8 mg/ml of purified (caprylic acid) Rabbit Polyclonal IgG

Applications

The antibody may be used in ELISA and IAC. Application notes Depending on conjugate: dilution 1/100,000 from the delivered solution. (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: 1/100,000 from the delivered solution. Plates are coated with 400 ng/ml OVA-conjugated chlorpyrifos. HRP-conjugated anti-rabbit IgG as a tracer 1/8,000.

Cross Reactivity

Cross Reactivity Pesticides % Cross Reactivity Chlorpyrifos 100% 2-4 D <0.1% Pirimiphos 1% Deltametrin <0.1% Fenitrothion <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-Chlorpyrifos Conjugate, Target: Chlorpyrifos, CAS no.: 2921-88-2, Solubility: Methanol, Iso-octanol, Benzene.

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.