

# Product Datasheet

## Fenitrothion Antibody - BSA Free NBP2-88844

Unit Size: 1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-88844**

Fenitrothion Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgY
<b>Purity</b>	PEG purified
<b>Buffer</b>	0.1 M PBS (pH 7.2)
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Chicken Fenitrothion Antibody - BSA Free (NBP2-88844) is a polyclonal antibody validated for use in ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Chicken
<b>Species</b>	Non-species specific
<b>Specificity/Sensitivity</b>	<p>Target: Fenitrothion, CAS no.: 122-14-5, Solubility: Organic solvents</p> <p>List of Pesticides: % Cross Reactivity</p> <p>Fenitrothion: 100%</p> <p>2-4 D: &lt;0.1%</p> <p>Chloropiriphos: &lt;0.1%</p> <p>Deltametrin: &lt;0.1%</p> <p>Pirimiphos: &lt;0.1%</p> <p>Permethrin: &lt;0.1%</p> <p>Etrimphos: &lt;0.1%</p> <p>Atrazine: &lt;0.1%</p> <p>Methacrimphos: &lt;0.1%</p> <p>Aldicarb: &lt;0.1%</p> <p>Malathion: &lt;0.1%</p> <p>Tebuconazole: &lt;0.1%</p>
<b>Immunogen</b>	BSA-Fenitrothion Conjugate

<b>Notes</b>	<p>Chicken products cannot be exported to Canada.</p> <p>Store at 4C 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.          For long storage purposes in solution the addition of sodium azide at 0.02 % is advised with the appropriate precautions of use.</p>
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<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunoaffinity Purification
<b>Recommended Dilutions</b>	ELISA 1:10000, Immunoaffinity Purification
<b>Application Notes</b>	<p>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.</p> <p>Immuno-affinity-chromatography.</p>





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### **Products Related to NBP2-88844**

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BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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