

# Product Datasheet

## Chlorpyrifos Antibody - BSA Free NBP2-88857

Unit Size: 0.5 ml

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

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**NBP2-88857**

Chlorpyrifos Antibody - BSA Free

Product Information	
Unit Size	0.5 ml
Concentration	0.8 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Caprylic acid precipitation
Buffer	PBS

Product Description	
Description	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.
Host	Rabbit
Species	Non-species specific
Specificity/Sensitivity	<p>Target: Chlorpyrifos, CAS no.: 2921-88-2, Solubility: Methanol, Iso-octanol, Benzene.</p> <p>Pesticides: % Cross Reactivity</p> <p>Chlorpyrifos: 100%</p> <p>2-4 D: &lt;0.1%</p> <p>Pirimiphos: 1%</p> <p>Deltametrin: &lt;0.1%</p> <p>Fenitrothion: &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>
Immunogen	BSA-Chlorpyrifos Conjugate

**Product Application Details**

<b>Applications</b>	ELISA, Immunoaffinity Purification
<b>Recommended Dilutions</b>	ELISA 1:100000, Immunoaffinity Purification
<b>Application Notes</b>	<p>The antibody may be used in ELISA and IAC. 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.</p> <p>Immuno-affinity-chromatography.</p>





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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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