

Datasheet: 7150-0104

Description:	SHEEP ANTI PARAQUAT
Specificity:	PARAQUAT
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Radioimmunoassays	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Chemical						
Product Form	Purified IgG - liquid						
Preparation	Purified IgG prepared by affinity chromatography on Protein G						
Buffer Solution	Phosphate buffered saline						
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)						
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml						
Immunogen	Synthetic peptide corresponding to part of the native molecule conjugated to Keyhole limpet Haemocyanin.						
Specificity	<p>Sheep anti Paraquat antibody recognizes the herbicide Paraquat, also known as <i>N,N'</i>-dimethyl-4,4'-bipyridinium dichloride, and shows the following reactivities with related pesticides:</p> <table border="1"> <tr> <td>Monoquat</td> <td>5%</td> </tr> <tr> <td>Diquat</td> <td><0.1%</td> </tr> <tr> <td>Norfamaquat</td> <td><0.1%</td> </tr> </table>	Monoquat	5%	Diquat	<0.1%	Norfamaquat	<0.1%
Monoquat	5%						
Diquat	<0.1%						
Norfamaquat	<0.1%						
References	1. McCormack, A.L. & DiMonte, D.A. (2003) Effects of L-dopa and other amino acids against						

paraquat-induced nigrostriatal degeneration. [J Neurochem. 85 \(1\): 82-6.](#)

Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[FITC](#), [HRP](#)

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