

Datasheet: 5633-4956

**BATCH NUMBER 165025**

<b>Description:</b>	RABBIT ANTI LEPTOSPIRA BIFLEXA
<b>Specificity:</b>	LEPTOSPIRA BIFLEXA
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Immunofluorescence	▪			

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

Bacterial

### Species Cross Reactivity

Reacts with: *Leptospira interrogans*  
**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG- liquid

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.1% Sodium Azide (NaN<sub>3</sub>)

### Approx. Protein Concentrations

IgG concentration 5 mg/ml

<b>Immunogen</b>	Native, whole organism.
<b>RRID</b>	AB_619462
<b>Specificity</b>	<p><b>Rabbit anti <i>Leptospira biflexa</i> antibody</b> recognizes the saprophytic spirochaete <i>Leptospira biflexa</i>. <i>Leptospira</i> is a genus of spirochaete bacteria, including a small number of pathogenic and saprophytic species. Rabbit anti <i>Leptospira biflexa</i> antibody reacts with the following <i>Leptospira</i> species: <i>L. biflexa</i>, <i>L. australis</i>, <i>L. canicola</i>, <i>L. grippityphosa</i>, <i>L. icterohaemorrhagiae</i>, <i>L. pomona</i> and <i>L. serjroe</i>. Other <i>Leptospira</i> species have not been tested but may be reactive with this antibody.</p> <p>Rabbit anti <i>Leptospira biflexa</i> antibody detects <i>L. interrogans</i> using immunohistochemistry on formalin fixed, paraffin embedded tissue sections of (<i>Tamandua tetradactyla</i>) the Lesser Anteater (<a href="#">Sousa et al. 2020</a>).</p>
<b>References</b>	<ol style="list-style-type: none"> <li>Tochetto, C. et al. (2012) Aspectos anatomopatológicos da leptospirose em cães: 53 casos (1965-2011) <a href="#">Pesq. Vet. Bras. 32: 430-43</a>,</li> <li>Sousa, M.S. et al. (2020) <i>Leptospira interrogans</i> infection of southern tamanduas (<i>Tamandua tetradactyla</i>, Linnaeus, 1758) in Brazil. <a href="#">Transbound Emerg Dis. Feb 20 [Epub ahead of print]</a>.</li> </ol>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/5633-4956">https://www.bio-rad-antibodies.com/SDS/5633-4956</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
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