

Datasheet: 8435-2000

BATCH NUMBER 174262

Description:	RABBIT ANTI STREPTOCOCCUS B
Specificity:	STREPTOCOCCUS B
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			■	
ELISA	■			
Western Blotting			■	
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
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>Streptococci</i> , group B

Specificity	Rabbit anti <i>Streptococcus B</i> antibody reacts with type specific carbohydrate of β-hemolytic Lancefield group B <i>Streptococci</i>. Rabbit anti <i>Streptococcus B</i> antibody does not react with other <i>Streptococcus</i> groups. β-hemolytic <i>Streptococcus</i> species are classified by their presented carbohydrates according to the scheme put forward by Lancefield (Lancefield 1933).
References	1. Fernandes, A.C. <i>et al.</i> (2014) Lab-on-chip cytometry based on magnetoresistive sensors for bacteria detection in milk. Sensors (Basel). 14 (8): 15496-524. 2. Duarte, C.M. <i>et al.</i> (2015) Magnetic Counter for Group B Streptococci Detection in Milk IEEE Transactions on Magnetics. 51 (1): 1-4. 3. Duarte, C. <i>et al.</i> (2016) Semi-Quantitative Method for Streptococci Magnetic Detection in Raw Milk. Biosensors (Basel). 6 (2): 19.
Storage	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. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10303 available at: https://www.bio-rad-antibodies.com/SDS/8435-2000
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

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

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