Datasheet: 0300-0209

BATCH NUMBER 171114

Description:	RABBIT ANTI STREPTOCOCCUS A
Specificity:	STREPTOCOCCUS A
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
ELISA	▪			

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 Ig - liquid
Preparation	Purified Ig prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN_3)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Streptococci, group A
RRID	AB_620713

Specificity

Rabbit anti *Streptococcus* A antibody recognizes a type specific carbohydrate of group

A Streptococcus (GAS) and does not react with other streptococci groups.

GAS are non-motile, non-spore forming bacteria that exist in pairs or as short chains. They are responsible for most cases of streptococcal illnesses including sore throat (strep thoat), scarlet fever and necrotizing fasciitis. The individual organisms are spheric in shape with a diameter of 0.6-1 mm. They produce 2 major classes of protein antigens: M antigens and T antigens of which the M protein is the major virulence factor.*S. pyogenes* is the only member of the Lancefield Group A *Streptococci*.

References	1. Blom, A.M. *et al.* (2017) Factor H-IgG Chimeric Proteins as a Therapeutic Approach against the Gram-Positive Bacterial Pathogen *Streptococcus pyogenes*. J Immunol. Oct 30 [Epub ahead of print].
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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/0300-0209 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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