

Datasheet: PIP041

Description:	RECOMBINANT STREPTOLYSIN-O
Name:	STREPTOLYSIN-O
Other names:	SLO
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	1 mg

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 appropriate negative/positive controls.

Target Species	Bacterial
Product Form	Recombinant purified Streptolysin O - liquid
Preparation	Recombinant Streptolysin O from transformed <i>Escherichia coli</i> . The preparation was purified by metal affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	Total protein concentration 2.76 mg/ml.
Product Information	Streptolysin O is a sulfhydryl-activated toxin produced by groups A, C and G of streptococci. It is an oxygen-labile haemolytic enzyme capable of causing lysis in animal cells, particularly white and red blood cells. It does so by binding to membrane cholesterol, where it polymerises to form a transmembrane channel.
Activity	Total antigenic activity approx (internal indirect method): 7200 IU/ml Specific antigenic activity approx: 2608 IU/mg of protein
Storage	Store at -70°C or -20°C for short term storage.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.

Shelf Life	Please see label for expiry date.
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Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10169 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10169.pdf
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Regulatory	For research purposes only
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'M312418:180215'

Printed on 15 Feb 2018

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