

## Datasheet: PIP041

**BATCH NUMBER 163950**

<b>Description:</b>	RECOMBINANT STREPTOLYSIN-O
<b>Name:</b>	STREPTOLYSIN-O
<b>Other names:</b>	SLO
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Recombinant purified Streptolysin O - liquid
<b>Preparation</b>	Recombinant Streptolysin O from transformed <i>Escherichia coli</i> . The preparation was purified by metal affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	Current, batch-specific concentration 3.42 mg/ml

<b>Product Information</b>	Streptolysin O is a sulfhydryl-activated toxin produced by groups A, C and G of streptococci. It is an oxygen-labile hemolytic 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.
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<b>Activity</b>	Total antigenic activity approx (internal indirect method): 8880 IU/ml Specific antigenic activity approx: 2596 IU/mg of protein
<b>Storage</b>	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.
<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10169 available at: <a href="https://www.bio-rad-antibodies.com/SDS/PIP041">https://www.bio-rad-antibodies.com/SDS/PIP041</a> 10169
<b>Regulatory</b>	For research purposes only

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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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