

Datasheet: 8429-9004

**BATCH NUMBER 161281**

<b>Description:</b>	STREPTAVIDIN
<b>Name:</b>	STREPTAVIDIN
<b>Format:</b>	Reagent
<b>Product Type:</b>	Accessory Reagent
<b>Quantity:</b>	5 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 the appropriate negative/positive controls.

<b>Product Form</b>	Purified streptavidin from <i>Streptomyces avidinii</i> - lyophilized
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<b>Reconstitution</b>	Reconstitute with distilled water or saline. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
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<b>Preparation</b>	Purified streptavidin prepared by affinity chromatography
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<b>Buffer Solution</b>	0.01M Sodium Phosphate 0.01M Sodium Borate 0.15M Sodium Chloride
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<b>Preservative</b>	1% Mannitol
<b>Stabilisers</b>	1% Dextran

<b>Protein Molecular Weight</b>	53 kDa
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<b>Activity</b>	17 U/mg streptavidin One unit will bind 1 µg of D-biotin.
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<b>Purity</b>	>95% by SDS-PAGE
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<b>Storage</b>	Prior to reconstitution store at +4°C. After reconstitution store at -20°C. 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. Should this product contain a precipitate we recommend microcentrifugation before use.
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<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20485 available at: <a href="https://www.bio-rad-antibodies.com/SDS/8429-9004">https://www.bio-rad-antibodies.com/SDS/8429-9004</a> 20485
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<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://www.bio-rad-antibodies.com/datasheets)  
'M375795:210108'

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