

## Datasheet: 8429-9004

<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.

### Product Form

Purified streptavidin from *Streptomyces avidinii* - lyophilised

### Reconstitution

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.

### Preparation

Purified streptavidin prepared by affinity chromatography

### Buffer Solution

Phosphate/Borate buffered saline

### Preservative Stabilisers

1% Mannitol  
1% Dextran

### Molecular Weight

53 kDa

### Activity

17 U/mg streptavidin  
One unit will bind 1 µg of D-biotin.

### Purity

SDS PAGE: >95%

### Storage

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.

### Shelf Life

Please see label for expiry date.

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**Health And Safety Information** Material Safety Datasheet documentation #10325 available at:  
10325: <https://www.bio-rad-antibodies.com/uploads/MSDS/10325.pdf>

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**Regulatory** For research purposes only

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