

Datasheet: STAR6B

Description:	STREPTAVIDIN:Alk. Phos.
Name:	STREPTAVIDIN
Format:	Alk. Phos.
Product Type:	Accessory Reagent
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
Immunohistology - Frozen	▪			1/50 - 1/1000
Immunohistology - Paraffin	▪			1/50 - 1/1000
ELISA	▪			1/2,000 - 1/10,000
Western Blotting	▪			1/1000 - 1/4000

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.

Product Form	Streptavidin conjugated to alkaline phosphatase - liquid
Buffer Solution	0.05M TRIS Chloride 0.15M NaCl 0.001M MgCl ₂ 0.0001M ZnCl ₂ 50% (v/v) Glycerol; pH8.0
Preservative Stabilisers	0.05% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml
Product Information	Alkaline phosphatase conjugated streptavidin is a ~53 kDa protein with a high binding affinity for biotin showing negligible binding to non biotinylated proteins.

References

1. Wright, A.K. *et al.* (2012) Human Nasal Challenge with *Streptococcus pneumoniae* Is

Immunising in the Absence of Carriage. [PLoS Pathog. 8: e1002622.](#)

2. Ahmed, U.K. *et al.* (2016) The Carbohydrate-linked Phosphorylcholine of the Parasitic Nematode Product ES-62 Modulates Complement Activation. [J Biol Chem. 291 \(22\): 11939-53.](#)

3. Pennington, S.H. *et al.* (2018) Longevity of duodenal and peripheral T-cell and humoral responses to live-attenuated *Salmonella typhi*. strain Ty21a. [Vaccine. 36 \(31\): 4725-33.](#)

Storage Store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. 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 #10225 available at: <https://www.bio-rad-antibodies.com/SDS/STAR6B>
10225

Regulatory For research purposes only

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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)

'M421344:230706'

Printed on 13 Aug 2023

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