

Datasheet: PHP149

BATCH NUMBER 172579

Description:	PURIFIED HUMAN ALBUMIN
Name:	SERUM ALBUMIN
Other names:	HSA
Format:	Purified
Product Type:	Purified 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	▪			
Western Blotting			▪	
Functional Assays			▪	
Immunoassay	▪			

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

Human

Product Form

Purified human serum albumin - lyophilized

Reconstitution

Reconstitute with phosphate buffer pH>7.0 containing 0.15M NaCl
 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.
 For long term storage the addition of 0.09% sodium azide is recommended.
 N.B. For functional studies do not add sodium azide

Preparation

Purified albumin from human urine

Preservative Stabilisers

None present

**External Database
Links**

UniProt:

[P02768](#) [Related reagents](#)

Entrez Gene:

[213](#) ALB [Related reagents](#)

Product Information **Purified human albumin** is a ~66 kDa protein that binds and transports steroids, fatty acids, metal ions and thyroid hormones. Albumin accounts for approximately 50% of blood serum protein.

Protein Molecular Weight 66 kDa

Purity >99% by SDS PAGE

References 1. Nicholson, J.P. *et al.* (2000) The role of albumin in critical illness. [Br J Anaesth. 85 \(4\): 599-610.](#)

Storage This product is shipped at ambient temperature.
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.

Guarantee Guaranteed until date of expiry. Please see product label.

Health And Safety Information Material Safety Datasheet documentation #10268 available at: <https://www.bio-rad-antibodies.com/SDS/PHP149>

Donor material tested and found negative for HIV1 and 2 antibodies, HBsAg and HCV antibodies.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious

Regulatory For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M441562:250523'

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