

Datasheet: PHP149

BATCH NUMBER 150564

| | |
|----------------------|------------------------|
| 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 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/PHP14910268>

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

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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)
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