

Datasheet: PHP149

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:

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. <i>et al.</i> (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/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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