

## Datasheet: PHP149

<b>Description:</b>	PURIFIED HUMAN ALBUMIN
<b>Name:</b>	SERUM ALBUMIN
<b>Other names:</b>	HSA
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified human serum albumin - lyophilized
<b>Reconstitution</b>	<p>Reconstitute with phosphate buffer pH&gt;7.0 containing 0.15M NaCl</p> <p>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.</p> <p>N.B. For functional studies do not add sodium azide</p>
<b>Preparation</b>	Purified albumin from human urine
<b>Buffer Solution</b>	Ammonium bicarbonate
<b>Preservative Stabilisers</b>	None present
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P02768</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">213</a>   ALB   <a href="#">Related reagents</a></p>

<b>Product Information</b>	<b>Purified human albumin</b> 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.
<b>Protein Molecular Weight</b>	66 kDa
<b>Purity</b>	>99% by SDS PAGE
<b>References</b>	1. Nicholson, J.P. <i>et al.</i> (2000) The role of albumin in critical illness. <a href="#">Br J Anaesth. 85 (4): 599-610.</a>
<b>Storage</b>	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.
<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10517 available at: 10517: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10517.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10517.pdf</a>  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
<b>Regulatory</b>	For research purposes only

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