

Datasheet for ABIN458757 **Albumin Protein (ALB)**

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Overview

Quantity:	10 mg
Target:	Albumin (ALB)
Origin:	Rat
Source:	Rat
Application:	Western Blotting (WB), ELISA, Binding Studies (Bind), Immunoelectrophoresis (IEP), Immunodiffusion (ID), Haemagglutination (H), Dot Blot (DB)

Product Details

Characteristics:	Rat serum
Purification:	Chromatographically purified rat albumin
Purity:	≥ 98 % as determined by agar-gel electrophoresis, as tested in a concentration of 50 mg/ml at the level of sensitivity of the applied immunoprecipitating techniques.

Target Details

Target:	Albumin (ALB)
Alternative Name:	Albumin (ALB Products)
Background:	Albumin is a stable small polypeptide with a strong antigenicity. It has a molecular weight of 69,000 and an isoelectric point of 5.7. The protein is isolated from serum by sequential precipitation and further purified by ion exchange chromatography and affinity chromatography. The identity is confirmed and tested by immunoelectrophoresis and radial immuno-diffusion using antisera to total serum proteins and albumin.

Target Details

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes:	Purified rat albumin may be used as a reference antigen, calibrator, coating protein and blocking agent in a variety of immunoassays including immunodiffusion, immunoelectrophoresis, ELISA, Western blotting, dot-immunobinding assays (DIBA), haemagglutination, and cell-binding assays.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized, stable white powder.
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	<p>This product is shipped lyophilized at ambient temperature. After arrival store at +4°C. Prolonged storage may be at -20°C. After opening the vial, the lyophilized content is reconstituted by adding 1 ml of sterile distilled water, mixed gently by inversion until complete dissolution is obtained. Allow to stand at ambient temperature for 5-10 minutes to reach equilibrium. Reconstituted solution may be stored frozen. Working dilutions may be prepared by adding the required amount of phosphate buffered saline (PBS), should not be refrozen and preferably used within 24 hours. Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation and will not affect the performance of the product.</p>