

Datasheet for 008-0133-0010**Horse Albumin****Overview**

Description:	Horse Albumin - 008-0133-0010
Item No.:	008-0133-0010
Size:	10 mg
Applications:	SDS-PAGE
Origin:	Horse

Product Details

Background:	Albumins are a group of water soluble blood proteins that are non-glycosylated and are capable of heat denaturation. Many albumins act as transport proteins in the blood, binding to water, cations (such as calcium, sodium, and potassium), lipids, as well as some hormones and drugs. Horse Albumin is ideal for investigators in Immunology, Cancer, and Microbiology research.
Synonyms:	Horse Albumin
Species of Origin:	Horse
Format:	Albumin
Type:	Native Protein

Target Details

Purity/Specificity:	Horse Albumin was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and selective precipitation followed by extensive dialysis against the buffer stated above. Horse Albumin assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Horse Serum.
Relevant Links:	• 008-0133 SDS • UniProtKB - P35747 • GeneID - 100034206 • UniProtKB - P35747.1

Application Details

Tested Applications:	SDS-PAGE
Application Note:	Horse Albumin has been tested in SDS-Page and can be utilized as a protein standard in ELISA, Immunohistochemistry, Western Blot experiments, and as a nutrient for cell culture.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized
WB:	User Optimized

Formulation

Physical State:	Lyophilized
Concentration:	36mg/ml mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	None
Stabilizer:	None
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Horse Albumin is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.