



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet for 001-0133

# Bovine Albumin

### Overview

<b>Description:</b>	Bovine Albumin (BSA) (BULK ORDER) - 001-0133
<b>Item No.:</b>	001-0133
<b>Size:</b>	50 mg
<b>Origin:</b>	Bovine

### Product Details

<b>Background:</b>	Bovine Serum Albumin (BSA) is used for various biochemical applications including ELISA (Enzyme-Linked Immunosorbent Assay), high content screening assays, western blotting, FACS Buffer and immunohistochemistry. BSA as a blocking reagent is particularly useful with casein-sensitive antibodies, such as phospho-specific antibodies. Also used as a nutrient in cell and microbial culture. In restriction digests, BSA is used to stabilize some enzymes during digestion of DNA and to prevent adhesion of the enzyme to reaction tubes and other vessels. Bovine Serum Albumin can also be used to determine the quantity of other proteins, by comparing an unknown quantity of protein to known amounts of BSA.
<b>Synonyms:</b>	bovine albumin, BSA
<b>Species of Origin:</b>	Bovine
<b>Format:</b>	Albumin
<b>Type:</b>	Native Protein

### Target Details

<b>Purity/Specificity:</b>	This product 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Bovine Albumin and anti-Bovine Serum.
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### Application Details

<b>Application Note:</b>	Bovine Serum Albumin (BSA) is suitable for use in protease sensitive assays such as RIA, EIA and nucleic acid hybridization, use as a stabilizing agent for proteins and enzymes including dilute
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solutions of antibody, use as a blocking agent to reduce non-specific binding.

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**Assay Dilutions:** All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

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## Formulation

<b>Physical State:</b>	Lyophilized
<b>Concentration:</b>	10.0 mg/mL by UV absorbance at 280 nm
<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Stabilizer:</b>	None
<b>Reconstitution Volume:</b>	5.0 mL
<b>Reconstitution Buffer:</b>	Restore with deionized water (or equivalent)

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## Shipping & Handling

<b>Shipping Condition:</b>	Ambient
<b>Storage Condition:</b>	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. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

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## 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.

