

BOVINE SERUM ALBUMIN 30% Solution - BSA-30-0010
Code: BSA-30-0010

Size: 10 mL

Product Description: BOVINE SERUM ALBUMIN 30% Solution - BSA-30-0010

Concentration: 30% (w/v) by dry weight

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Buffer	0.85% (w/v) Sodium Chloride
Stabilizer	0.3% (v/v) Octanoic Acid
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store Blocking Buffer at 4° C prior to opening. DO NOT FREEZE.
Synonyms	BOVINE SERUM ALBUMIN, BSA, BSA Blocker, BSA Blocking, BSA30
Application Note	BOVINE SERUM ALBUMIN 30% Solution 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 solutions of antibody, and use as a blocking agent to reduce non-specific binding.
Background	Bovine Serum Albumin (BSA) is used for various biochemical applications including ELISA (Enzyme-Linked Immunosorbent Assay), high content screening assays, western blotting, and immunohistochemistry. BSA as a blocking reagent is particularly useful with casein-sensitive antibodies, such as phospho-specific antibodies. Sterile validated preparations may be used as a nutrient in cell and microbial culture. In restriction digests, specially prepared 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.
Purity And Specificity	BOVINE SERUM ALBUMIN 30% Solution contains a 30% solution of bovine serum albumin (Fraction V, Immunoglobulin and Protease Free) in saline with preservative and stabilizer. The product is ~30% protein as determined by Biuret assay. A clear yellow green to dark amber color is typical. This product is prepared from healthy adult animals and is processed from pooled lots of serum to ensure uniformity.
ELISA	User Optimized
Western Blot	User Optimized
FLISA	User Optimized
Immunohistochemistry	User Optimized
IF Microscopy	User Optimized
Expiration	Expiration date is six (6) months from date of opening.

Related Products

200-301-268	Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268
610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304

Images

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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.