

Blocking Buffer Sampler Kit - K505

Code: K505

Size: 1 Kit

Product Description: Blocking Buffer Sampler Kit - K505

PhysicalState: Liquid and Lyophilized

Buffer	See application note.
Storage Condition	Do not freeze kit. Store kit at 4° C. Kit contains multiple components. See kit insert for complete instructions.
Synonyms	Blocking Buffer Sampler Kit, Normal Goat Serum, NGS, BSA, bovine serum albumin, blocking buffer for fluorescent western blotting, ELISA Microwell Blocking Buffer with Stabilizer (Azide and Mercury Free), TBS Fish Gel Solution
Application Note	Blocking Buffer Sampler Kit contains: NORMAL GOAT SERUM (NGS),BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free),Blocking Buffer (2X) for Fluorescent Western Blotting,ELISA Microwell Blocking Buffer with Stabilizer (Azide and Mercury Free) - Designed for ELISA assays, 10X TBS Fish Gel Concentrate (Azide and Mercury free) is a blocking agent for immunoassays and western blot.
Background	Rockland lyophilized NORMAL GOAT SERUM (NGS) is recommended for use in immunoassays where the primary antibody was produced in goat, as a source of non-specific serum protein or on tissue for immunohistochemical applications,BOVINE SERUM ALBUMIN is suitable dilute solutions of antibody, use as a blocking agent to reduce non-specific binding, 2X Blocking Buffer for Fluorescent Western Blotting is optimized for Fluorescent Western blotting and other immunoassays. ELISA Microwell Blocking Buffer with Stabilizer (Azide and Mercury Free), 10X TBS Fish Gel Concentrate (Azide and Mercury free).
Purity And Specificity	<p>Lyophilized normal goat serum was prepared from normal goat serum by a multi-step process which includes delipidation and selective precipitation. Assay by immunoelectrophoresis resulted in a multiple precipitin arcs against anti-Goat Serum.</p> <p>BSA has Purity (%): 100% by Agarose Zone Electrophoresis Protease: <0.005 units/mg by Enzymatic Assay. And no detectable IgG by Radial Immunodiffusion.</p> <p>Blocking Buffer (2X) for Fluorescent Western Blotting, ELISA Microwell blocking buffer with stabilizer, and Fish gel concentrate were aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. The products were tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and found to be negative for bacteria.</p>
ELISA	User Optimized
Western Blot	User Optimized
Immunohistochemistry	User Optimized
IF Microscopy	User Optimized
Expiration	See kit insert for complete instructions.

Related Products

611-701-127	Anti-RABBIT IgG (H&L) (DONKEY) Antibody (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins) - 611-701-127
B304	NORMAL GOAT SERUM (NGS) - B304
B501-0500	BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500
BSA-10	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-10

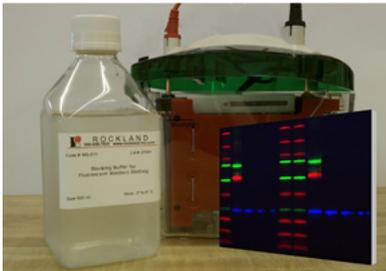
Images

1	Goat Serum blocking reagent or NGS is ideal for blocking procedures such as Western Blotting, ELISA and immunochemistry to prevent nonspecific binding. This blocking agent is recommended for use in immunoassays where the primary antibody was produced in goat, as a source of non-specific serum protein or on tissue for immunohistochemical applications.
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2

This blocking buffer is specifically designed for western blotting using fluorochrome conjugated antibodies and can be used for membrane blocking and to dilute both primary and secondary antibodies. See www.rockland-inc.com for specific protocols. This buffer was prepared using ultra-pure reagents dissolved in pharmaceutical grade water (WFI) and consists of a proprietary protein formulation in TRIS buffered saline at pH 7.6 with thimerisol added as an antimicrobial agent.

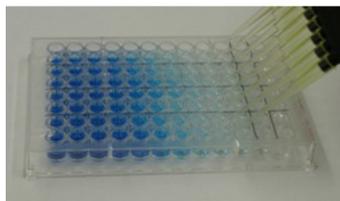


3

The Rockland Immunochemical family of ELISA buffers includes coating buffers, blocking buffers, stabilization buffers, and substrates. Rockland ELISA Microwell Blocking Buffer with Stabilizer is specially formulated for stability and sensitivity in ELISA systems.



Rockland Immunochemicals produces a wide variety of buffers and substrates for use in ELISAs. Antigen was diluted in ELISA Microwell Coating Stabilizer (p/n MB-063-0100) added to the microwell plate and incubated overnight at 4°C. The plate was then blocked with ELISA Microwell Blocking Buffer with Stabilizer (p/n MB-064-1000) for 2 hours. The primary antibody was diluted in PBS Fish Gel Concentrate (1:10)(p/n MB-066-0100), added to the plate, and allowed to incubate 1 hour at room temperature. HRP conjugated secondary antibody was diluted in HRP Conjugate Stabilizer (p/n MB-060-0100), added to the plate, and allowed to incubate for 30 minutes at room temperature. TMB ELISA Peroxidase Substrate (p/n TMBE-1000) was added to the plate and allowed to incubate for 30 minutes at room temperature. The reaction was then stopped with 1M HCl and read at 450nm.



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.

Reviews

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