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Datasheet for MB-050-1000

Borate Buffered Saline (BBS)

Overview

Description:	Borate Buffered Saline (BBS) (10 mM Sodium Borate, 150 mM Sodium Chloride pH -8.5) - MB-050-1000
Item No.:	MB-050-1000
Size:	1 L

Product Details

Background:	Borate buffered saline (BBS) is commonly used in coating procedures for ELISA. BBS can also be used as a component in blocking solutions for Western blotting. The buffer can be used as a diluent in biological samples and for various applications within biology and biochemistry to maintain the pH.
Synonyms:	Borate Saline Buffered (BSB), Borate Buffered Saline (BBS), Blocking buffer, ELISA buffer

Target Details

Purity/Specificity:	This product was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. The product was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.

Application Details

Application Note:	BBS is isotonic and has a strong bactericidal effect. It can be used to dilute solutions for coating procedures. Additives such as Tween 20 and Blotto can be used to add functionality as a washing buffer or blocking buffer.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 X

Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store container at room temperature (18° to 26° C) prior to opening. If desired, the solution may be stored at 4° C or less. Some salts may precipitate out of solution at lower temperature. Allow buffer to equilibrate to room temperature (18° to 26° C) to restore solubility of some salts.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Bottle
Borate Buffered Saline (BBS) (10 mM Sodium Borate, 150 mM Sodium Chloride pH -8.5)

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.

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