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Datasheet for MB-066-0100

10X PBS Fish Gel Concentrate

Overview

Description:	10X PBS Fish Gel Concentrate (Azide and Mercury free) - MB-066-0100
Item No.:	MB-066-0100
Size:	100 mL
Applications:	ELISA

Product Details

Background:	Highly sensitive ELISA assays require minimal non-specific interactions. Non-specific binding results in elevated background levels and a decrease in signal-to-noise ratios. Blocking reagents act to minimize non-specific interactions of secondary reactants with each other and with the primary solid phase binding sites. Rockland offers several options for antibody diluents in multiple buffer configurations that effectively block non-specific interactions and minimize background. Multiple formulations offer greater flexibility in experimental design.
Synonyms:	10X PBS Fish Gel Concentrate (Azide and Mercury free), 10X PBS solution, 10X Fish Gel Solution

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.
Relevant Links:	• MB-066-0100 SDS

Application Details

Tested Applications:	ELISA
Application Note:	This product is a 10X concentrated stock solution. Prepare a 1X working solution by diluting 1 part 10X concentrate with 9 parts distilled-deionized water or equivalent. 10X PBS Fish Gel Concentrate consists of 0.2M potassium phosphate, 1.5M sodium chloride and Fish Gelatin at pH 7.2. A proprietary combination of stabilizers and preservatives are used that are azide and mercury free.

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:	Liquid (sterile filtered)
Concentration:	10X
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store container at 4° C before opening. Protect from moisture and light. No special shipping conditions or precautions are required.
Expiration:	Expiration date is six (6) months from date of receipt.

Images

Bottle
10X PBS Fish Gel Concentrate (Azide and Mercury free)

References

- Barker SJ et al. Targeting Transferrin Receptor to Transport Antisense Oligonucleotides Across the Blood-Brain Barrier. *Sci Transl Med.* (2023)

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.