

Datasheet for MB-076-0100

HRP Conjugate Stabilizer

Overview

Description:	HRP Conjugate Stabilizer (Azide and Mercury Free) - MB-076-0100
Item No.:	MB-076-0100
Size:	100 mL
Applications:	ELISA, WB

Product Details

Background:	HRP Conjugate Stabilizer is to be used with Horseradish Peroxidase (HRP) conjugated primary or secondary antibodies or other proteins or compounds in solution. The components of the stabilizer (proprietary) are unique, and stabilize both the antibody and enzyme portions of the conjugate. HRP Conjugate Stabilizer prevents the loss of catalytic activity and maintains the active conformation of the antibody portion of the conjugate.
Synonyms:	HRP Conjugate Stabilizer, ELISA buffer, Western Blot buffer, Southern/Northern Blot buffer, lateral flow buffer, assay 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.
Relevant Links:	MB-076 SDS

Application Details

Tested Applications:	ELISA, WB
Application Note:	This product is a "ready-to-use" 1X diluent, protein, bovine, and mammalian free. This stabilizer contains buffered saline, and proprietary reagents to stabilize and preserve Horseradish Peroxidase (HRP) conjugated primary or secondary antibodies in solution. A proprietary combination of preservatives is used that is azide and mercury free. It is suitable for ELISA, Western blot, Southern/Northern blots, and lateral flow or directly as an assay buffer. This buffer is not recommended to be used in Luminol based assays.

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

Other: Expiration Date:06 JUN 2024

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 X

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.

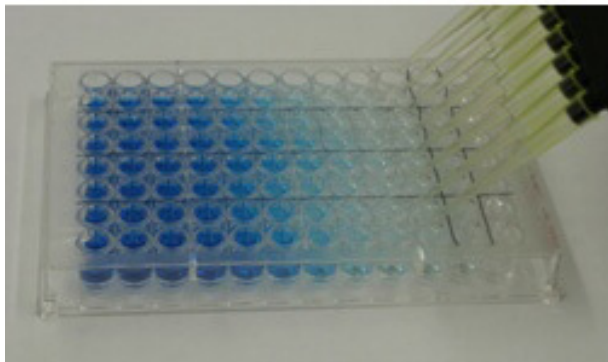
Expiration: Expiration date is one (1) year from date of receipt.

Images



Bottle

HRP Conjugate Stabilizer (Azide and Mercury Free)



ELISA

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.