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Datasheet for MB-063-0100

ELISA Coating Stabilizer

Overview

Description:	ELISA Microwell Coating Stabilizer (Azide and Mercury Free) - MB-063-0100
Item No.:	MB-063-0100
Size:	100 mL
Applications:	ELISA

Product Details

Background:	ELISA Microwell Coating Stabilizer is designed to stabilize antigens, antibodies or other ligands after attachment to the surface of microwells for use in ELISA. Stabilizer allows the user to dry and store plates for a minimum of one (1) year without significant loss of signal.
Synonyms:	ELISA Microwell Coating Stabilizer (Azide and Mercury Free), ELISA Plate Coating Stabilizer, ELISA Stabilizer

Target Details

Purity/Specificity:	ELISA Plate Coating Stabilizer 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-063 SDS

Application Details

Tested Applications:	ELISA
Application Note:	ELISA Microwell Coating Stabilizer is a ''ready-to-use'' 1X solution for stabilizing ELISA plates for storage prior to preforming ELISA. After the addition of blocking agent, wash the contents of ELISA microwells and add a sufficient volume of ELISA Microwell Coating Stabilizer to each well of the microplate. Let stand for 30 minutes at room temperature. Aspirate contents of each well and allow the plate to dry. Store appropriately for future use. This buffer contains phosphate buffered saline and proprietary reagents to stabilize and preserve ELISA plates. This buffer is a proprietary combination of stabilizers and preservatives that is 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

Formulation

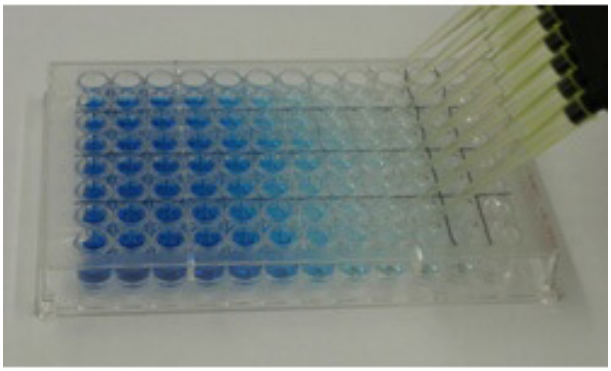
Physical State:	Liquid (sterile filtered)
Concentration:	1X
Buffer:	See application note.

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
ELISA Microwell Coating 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.

References

- Hanada T et al. Identification of Babesia microti immunoreactive antigens by phage display cDNA screen. *Infect Immun.* (2024)

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