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Datasheet for MB-068-0020

10X HDAC Assay Buffer

Overview

Description:	10X HDAC Assay Buffer - MB-068-0020
Item No.:	MB-068-0020
Size:	20 mL

Product Details

Background:	Histone deacetylases (HDACs) are typically found in multiprotein complexes and are tightly regulated by subcellular localization, phosphorylation, and likely by other mechanisms. HDAC assays allow the determination of deacetylase activity and provide accurate activity information that is reflective of endogenous regulation. HDAC Assay Buffer is typically employed with appropriate standards and controls.
Synonyms:	HDAC Activity Assay Kit

Target Details

Purity/Specificity:	This product was aseptically filtered through a 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:	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. Diluted (1X) HDAC Assay buffer consists of 25 mM Tris Cl, 137 mM NaCl, 2.7 mM KCl and 1.0 mM MgCl2 at pH 8.0.
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:	10X

Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store HDAC Assay Buffer at -20° C or colder prior to opening. Aliquot and re-freeze for best results. 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 six (6) months from date of receipt.

Images



Bottle
10X HDAC Assay Buffer

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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