

Datasheet for MB-062-0100

1.0 M HEPES pH 7.2

Overview

Description:	1.0 M HEPES pH 7.2 - MB-062-0100
Item No.:	MB-062-0100
Size:	100 mL

Product Details

Background:	HEPES is a useful buffer for pH's ranging from 6.8-8.2. This makes HEPES ideal for cell culturing because of its usefulness in maintaining pH changes in presence of carbon dioxide production from cellular respiration. 1.0 M HEPES pH 7.2 is ideal for investigators in Molecular Biology, Cell Biology, and Immunology researchers.
Synonyms:	4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid

Target Details

Purity/Specificity:	1.0 HEPES pH 7.2 was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. 1.0 M HEPES pH 7.2 was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.
Relevant Links:	SDS

Application Details

Application Note:	1.0 M HEPES pH 7.2 is a concentrated stock solution and should be diluted appropriately with molecular biology grade water or equivalent to its final working concentration. This buffer consists of 1.0 M HEPES at a pH of 7.2 and was prepared using ultra pure reagents dissolved in DEPC treated pharmaceutical grade deionized water.
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 M
Buffer:	See application note.
Preservative:	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 six (6) months from date of receipt.

Images



Bottle
1.0 M HEPES pH 7.2

References

- Hornick AC et al. Interrogating antiviral antibody responses with multiplexed, high-throughput serum assays. *bioRxiv [Preprint]*. (2026)

Disclaimer

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