

## Datasheet for MB-058

# 1X TES pH 7.8

## Overview

|              |                                                                              |
|--------------|------------------------------------------------------------------------------|
| Description: | 1X TES pH 7.8 (10 mM Tris HCl, 100 mM NaCl, 1 mM EDTA) DEPC Treated - MB-058 |
| Item No.:    | MB-058                                                                       |
| Size:        | 1 L                                                                          |

## Product Details

|             |                                                                                                                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | 1X TES pH 7.8 DEPC TREATED - TES buffer is a commonly used buffer solution in molecular biology, especially in procedures involving DNA or RNA. TES buffer is useful to stabilize proteins, DNA, or RNA, while protecting it from degradation. |
| Synonyms:   | 1X TES Buffer pH 7.8                                                                                                                                                                                                                           |

## 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:     | <ul style="list-style-type: none"><li><a href="#">MB-058 SDS</a></li></ul>                                                                                                                                                                       |

## Application Details

|                   |                                                                                                                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Note: | This product is ready-to-use as a working 1X solution and requires no further dilution. This buffer consists of 10 mM Tris HCl, 100 mM NaCl, and 1.0 mM EDTA at a pH of 7.8. Meticulously 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) |
|-----------------|---------------------------|

|                       |                       |
|-----------------------|-----------------------|
| <b>Concentration:</b> | 1X                    |
| <b>Buffer:</b>        | See application note. |
| <b>Preservative:</b>  | None                  |
| <b>Stabilizer:</b>    | None                  |

## Shipping & Handling

|                            |                                                                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition:</b> | Ambient                                                                                                                                                                                                                                                                                           |
| <b>Storage Condition:</b>  | 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. |
| <b>Expiration:</b>         | Expiration date is six (6) months from date of receipt.                                                                                                                                                                                                                                           |

## Images



### Bottle

1X TES pH 7.8 (10 mM Tris HCl, 100 mM NaCl, 1 mM EDTA)  
DEPC Treated

## References

- Merikhian P et al. Recombinant nanobody against MUC1 tandem repeats inhibits growth, invasion, metastasis, and vascularization of spontaneous mouse mammary tumors. *Mol Oncol.* (2022)

## Disclaimer

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