

## 3.0 M Sodium Acetate pH 5.2 DEPC TREATED - MB-016

**Code:** MB-016

**Size:** 100 mL

**Product Description:** 3.0 M Sodium Acetate pH 5.2 DEPC TREATED - MB-016

**Concentration:** 3 M N/A

**PhysicalState:** Liquid (sterile filtered)

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Label</b>                  | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Buffer</b>                 | See application note.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Stabilizer</b>             | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Preservative</b>           | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Condition</b>      | Store container at room temperature (18° to 26° C) prior to opening.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>               | Sodium Ethanoate, NaOAc                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Application Note</b>       | Sodium Ethanoate is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration. This buffer contains 3.0 M Sodium Acetate at pH 5.2 meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade deionized water. Visit our newly expanded web site at <a href="http://www.rockland-inc.com">www.rockland-inc.com</a> for methods using this and other buffers. |
| <b>Background</b>             | Sodium acetate is the conjugate base of a weak acid. Solution of sodium acetate and acetic acid can act as a buffer to keep a relatively constant pH. This is useful especially in biochemical applications where reactions are pH dependent.                                                                                                                                                                                                                                                |
| <b>Purity And Specificity</b> | 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.                                                                                                                                                                                                                                             |
| <b>Assay Dilutions</b>        | User Optimized                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>OTHER ASSAYS</b>           | User Optimized                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Expiration</b>             | Expiration date is six (6) months from date of opening.                                                                                                                                                                                                                                                                                                                                                                                                                                      |

### Related Products

|        |                                                                           |
|--------|---------------------------------------------------------------------------|
| MB-001 | 1.0 M Tris HCl pH 7.2 - MB-001                                            |
| MB-007 | 10X TE pH 8.0 (100 mM Tris HCl 10 mM EDTA) DEPC TREATED - MB-007          |
| MB-008 | 10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008 |
| MB-014 | 0.5 M EDTA pH 8.0 - MB-014                                                |

### Related Links

### Images

|   |                                                                                                                                                                                                                                               |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Sodium acetate is the conjugate base of a weak acid. Solution of sodium acetate and acetic acid can act as a buffer to keep a relatively constant pH. This is useful especially in biochemical applications where reactions are pH dependent. |
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### 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 326, Gilbertsville, Pennsylvania, USA.