

# Product Datasheet

## 10X Citrate Buffer pH 8.0 NB900-66729

Unit Size: 500 ml

Store at room temperature.

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**NB900-66729**

10X Citrate Buffer pH 8.0

**Product Information**

<b>Unit Size</b>	500 ml
<b>Concentration</b>	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
<b>Storage</b>	Store at room temperature.
<b>Preservative</b>	0.05% Sodium Azide
<b>Buffer</b>	Dilute one part buffer with nine parts distilled water.

**Product Description**

<b>Specificity/Sensitivity</b>	10x Citrate Buffer pH 8.0 for Heat Induced Epitope Recovery
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**Product Application Details**

<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	<p>The antigen retrieval protocol is recommended for use in tissues that have been fixed in formalin only. Ensure that the fixed sections are adequately embedded in paraffin. Cut tissue sections to 4-5 microns.</p> <p>Preparation of Working Solutions</p> <ol style="list-style-type: none"> <li>1. The 10X concentrated format should be diluted tenfold with distilled or deionized water.</li> <li>2. Mix one part of concentrated Antigen Retrieval Solution with nine parts of deionized or distilled water.</li> <li>3. Shake the bottle vigorously to completely mix the components of the concentrate (the solution may separate into phases over time).</li> <li>4. Store with cap tightly secured.</li> </ol> <p>Protocol Recommendations</p> <ol style="list-style-type: none"> <li>1. Deparaffinize and rehydrate tissue sections.</li> <li>2. Place slides into 1X retrieval solution in a slide container (e.g. Coplin jar, Tissue-Tek, staining dish or metal slide canister).</li> <li>3. Retrieve sections under pressure.</li> <li>4. After take-off reagent jar containing slides from pressure cooker, allow the slides to cool for 20 minutes to reach room temperature.</li> <li>5. Wash slides in deionized water and then with wash buffer. Proceed with immunostaining recommendations in the antibody datasheet.</li> <li>6. Gently rinse by gradually adding DI water to the solution, then remove slides and rinse with DI water.</li> </ol>





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