

TBST (Tris Buffered Saline with Tween 20), 20X

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| <u>Cat No.</u> | <u>Quantity</u> |
| 10-0028 | 100 mL Concentrate, 20X |
| Intended Use | <p>For In Vitro Diagnostic Use.</p> <p>This product is intended for use as a wash buffer for immunohistochemical (IHC) staining procedures.</p> |
| Reagents Supplied | One bottle of Concentrate 20X TBST pH 7.6 containing 1 mol/L Tris-HCl, 3 mol/L NaCl, 1% Tween 20, and a preservative. It is sufficient for preparing 2 liters of working solution. |
| Summary And Explanation | Tris Buffered Saline (TBS) is commonly used as wash buffer. Tween 20 is added for effective washing and reducing non-specific background staining. Tween 20 reduces reagent surface retention and aids reagent spreading on the slides. |
| Reagent Preparation | <ol style="list-style-type: none"> Dilute the concentrated TBST solution 1:20 with deionized or distilled water (one part of 20X TBST plus 19 parts water). Stir gently for at least 20 minutes. The resulting working solution 1X TBST contains 0.05 mol/L Tris-HCl, 0.15 mol/L NaCl, 0.05% Tween 20, pH 7.6 (± 0.2) at room temperature (15-25°C). Use 1X TBST after equilibrating to room temperature (15-25°C). The diluted 1X TBST can be stored at room temperature (15-25°C) for up to one week. <p>Note:</p> <ol style="list-style-type: none"> Avoid vigorous agitation to minimize foaming. The salts in the 20X solution are highly concentrated. If salts precipitation occurs, stir the solution at room temperature for about 30 minutes to re-dissolve the salts. |
| Storage | <p>Store at 2-8°C.</p> <p>All performance claims are void after the expiration date.</p> |
| Materials Required But Not Supplied | <p>Distilled or deionized water</p> <p>Graduated cylinder or volumetric beaker</p> <p>Magnetic stirring equipment</p> <p>Storage container</p> |
| Precautions | <p>For professional users only.</p> <p>The pH of TBST varies with temperature.</p> <p>Avoid vigorous agitation.</p> <p>Solution that becomes turbid should be discarded.</p> |

Symbols

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| Catalog No. | Batch No. | In Vitro Diagnostic Use | Temperature Range | Use By |

