



SPECIFICATION SHEET

Large Volume Phosphate Buffered Saline and Tween 20 (20X)

DESCRIPTION:

Phosphate Buffered Saline and Tween 20 is in a 20X concentration for use with immunolabeling techniques as a wash buffer. The Tween 20 is added to promote more effective washings, resulting in decreased non-specific background staining. Tween 20 is also known to promote reagent spreading in automated staining methodologies.

AVAILABILITY:

<u>CATALOG #</u>	<u>VOLUME</u>
TA-125-PT	125ml
TA-999-PT	1000ml

CONTENTS:

Phosphate Buffered Saline and Tween 20 in reagent grade water. Final pH of diluted buffer is 7.6 ± 0.05 . NaCl: 0.133M, K_2HPO_4 : 0.0086M, KH_2PO_4 : 0.0015M. The diluted concentration of the Tween 20 is 0.05%. This product is filtered to 0.2 microns.

DILUTING PROCEDURE:

Pour 20X PBS in a mixing flask and add DI water to final volume. Stir briefly. 60 ml of concentrate yields 1.2 liters, and 125 ml yields 2.5 liters.

STORAGE:

Store Phosphate Buffered Saline/Tween 20 at room temperature. Product is stable for 24 months from date of manufacture.

PRECAUTIONS:

Do not pipette reagent by mouth. Observe all federal, state and local environmental regulations regarding disposal.

LIMITATIONS:

For Laboratory use only. Lab Vision Corporation will not be held responsible for patent infringement or other violation that may occur with the use of this product.

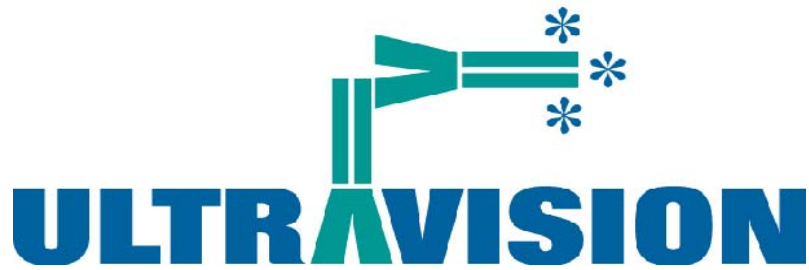
PLEASE NOTE:

In order to provide this product at 20X, the salts in solution are at a very high concentration. It has been found that at temperatures below 44 degrees F (6 degrees C), the salts fall out of solution. If this occurs during your shipment conditions, please use the following protocol to get the salts back into solution:

47790 Westinghouse Dr. Fremont CA 94539 USA
Tel: (800) 828-1628 Fax: (510) 991-2826
Email: labvision@labvision.com Website: www.labvision.com



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- 1) Obtain a stir-plate, magnetic wand and a magnetic stir bar. Plug in the stir plate.
- 2) Place the 125-ml size of TA-125-PT on the stir plate.
- 3) Rinse the stir bar with deionized water, or with an alcohol such as methanol or acetone. Allow to air-dry for 15 minutes. CAUTION: Do not rinse the stir bar with tap water. This may introduce bacteria into the solution.
- 4) Place the stir bar into the 125-ml bottle of solution sitting on the stir plate.
- 5) Turn the 'Stir' knob on the stir plate to 6-8, making sure the stir bar is freely spinning in the solution. CAUTION: Do not heat the solution with the stir plate.
- 6) Allow to stir at room temperature for 30 minutes or until all crystals have dissolved.
- 7) Remove the stir bar using the magnetic wand.
- 8) Repeat as needed.