



Large Volume Phosphate Buffered Saline (25X)

DESCRIPTION:

Phosphate Buffered Saline has been formulated in a 25X concentration for use with immunolabeling techniques as a wash buffer. The need to weigh and mix individual components is eliminated and replaced with a simple solution.

AVAILABILITY:

<u>CATALOG #</u>	<u>VOLUME</u>
TA-125-PB	125ml

CONTENTS:

Phosphate buffered saline in reagent grade water. Final pH of diluted buffer is 7.6 ± 0.05 . NaCl: 0.133M; K₂HPO₄: 0.0086M; KH₂PO₄: 0.0015M. This product is filtered to 2 microns.

DILUTING PROCEDURE:

Pour PBS in a mixing flask and add water to final volume. Stir briefly. 60 ml of concentrate yields 1.5 liters, and 125 ml yields 3.125 liters.

STORAGE:

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

PRECAUTIONS:

Do not pipette reagent by mouth.

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 25X, 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:

- 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-PB on the stir plate.

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- 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.