

Large Volume Phosphate Buffered Saline (25X)

Please note this data sheet has been changed effective December 19, 2011

INTENDED USE

For In Vitro Diagnostic Use

AVAILABILITY:

| <u>Catalog #</u> | <u>Volume</u> |
|------------------|---------------|
| TA-125-PB | 125 ml |

DESCRIPTION

Phosphate Buffered Saline has been formulated in a 25X concentration for use as a wash buffer for immunolabeling techniques.

WARNINGS & PRECAUTIONS

Refer to MSDS.

STORAGE & SHELF LIFE

Store Phosphate Buffered Saline at room temperature.

- Concentrate is stable for 24 months from date of manufacture.
- Diluted solution should be used within one week. If solution becomes cloudy, discard and make fresh solution.

NOTE: The salts in the 25X solution are highly concentrated.

- Temperatures below 44 degrees F (6 degrees C) may cause the salts to precipitate.
- If this occurs, stir the solution at room temperature for about 30 minutes to re-dissolve the salts (use an alcohol-cleaned stir-bar to prevent bacterial contamination).

MICROBIOLOGICAL STATE

Product(s) not sterile.

MATERIALS REQUIRED BUT NOT PROVIDED

N/A

SPECIMEN & REAGENT PREPARATION

Refer to Procedure.

PROCEDURE

To make a 1X PBS solution dilute concentrate 25X with distilled water.

- Use 40 ml PBS concentrate per 960 ml distilled water
- Measure and pour appropriate volume of 25X PBS concentrate into a mixing flask and add DI water to final volume.
- Stir briefly.

The 1X solution should be pH 7.6 ± 0.2.

- The pH of the solution may require slight adjustment.
- Adjust pH with 1N HCl (if pH is high) or 1N NaOH (if pH is low).

Diluted solution should be used within one week. If solution becomes cloudy, discard and make fresh solution.

REFERENCES

N/A

TROUBLESHOOTING

Please contact Thermo Fisher Scientific Technical Support by phone (1-510-991-2800 or 1-800-828-1628) or by email (lab.reagents@thermofisher.com).

