

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

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

INTENDED USE

For In Vitro Diagnostic Use

<u>AVAILABILITY:</u>	<u>Catalog #</u>	<u>Volume</u>
	TA-125-PT	125 ml
	TA-999-PT	1L

DESCRIPTION

Phosphate Buffered Saline and Tween 20 in a 20X concentrate for use as a wash buffer in immuno-labeling techniques. Tween 20 is added to promote more effective washings, resulting in decreased non-specific background staining. Tween 20 is also aids reagent spreading on slides.

WARNINGS & PRECAUTIONS

Refer to MSDS.

STORAGE & SHELF LIFE

Store Phosphate Buffered Saline/Tween 20 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 20X 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 20X with distilled water.

- Use 50 ml PBS concentrate per 950 ml distilled water
- Measure and pour appropriate volume of 20X 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).



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