

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

INTENDED USE

For In Vitro Diagnostic Use

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

DESCRIPTION

Tris Buffered Saline and Tween 20 are in a 20X concentration 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 Tris 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 TBS/Tween 20 solution dilute concentrate 20X with distilled water.

- Use 50 ml TBS/Tween 20 concentrate per 950 ml distilled water
- Measure and pour appropriate volume of 20X TBS 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).
- **NOTE:** Tris buffers require the use of a calomel pH probe or a double-junction pH probe to obtain the correct pH reading.

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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