

Please note this data sheet has been changed effective October 24, 2014

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

### INTENDED USE

For In Vitro Diagnostic Use

### AVAILABILITY:

<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.

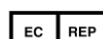
### REFERENCES

N/A

### TROUBLESHOOTING



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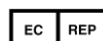
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