



SMARTBUFFERS

Tris Buffered Saline with Tween 20™ (TBS-T) pH 7.6



Features

- Formulated from analytical grade chemicals
- TBS buffer containing non-ionic detergent
- Exactly pre-weighed tablets
- Eliminates variables in laboratory work flow
- Hassle free

Product description

Tris Buffered Saline with Tween 20™ (TBS-Tween 20™) is one of the most commonly used biological buffers for plate based immunoassays and Western blotting. It is isotonic, non-toxic to cells and contains the non-ionic detergent Tween 20™. It is used preferably as an antibody diluent and wash reagent in ELISA and Western blotting using alkaline phosphatase or peroxidase-conjugated antibodies.

Medicago's TBS-T buffer is supplied in exactly pre-weighed tablets, each tablet giving 500 ml of 0.15 M NaCl, 0.05% Tween 20™, 0.050 M Tris-HCl buffer solution with pH 7.6 at 25°C.

Applications

- Blocking buffer during Western blotting
- Wash buffer in immunoassays, for example ELISA

Directions for use

Deposit one tablet in a laboratory flask or beaker containing 500 ml of deionized water placed on a magnetic stirrer. Stir until full dissolution and the buffer is ready to use.

Shipping and storage

TBS-T buffer is shipped at room temperature. Store the tablets in a dry place at room temperature. Shelf life is two years.

Legal information

Tween is a registered trademark of Croda Group of Companies.

Specifications

| | |
|-------------|---|
| Chemicals | Analytical grade |
| Format | Exactly pre-weighed tablets |
| Composition | 0.15 M NaCl 0.050 M Tris-HCl 0.05 % Tween 20™ |
| Volume | 500 ml |
| pH | 7.6 ± 0.1 at 25°C |
| Shelf life | Two years after production date |

Tips and hints

If the tablet is not properly dissolved, make sure:

- the water temperature is 22-25°C
- the buffer solution is properly stirred
- high quality deionized water is used

Sterilization can be performed by filtration. Filter the buffer solution into a sterile flask through a 0.22 µm filter and keep at +4°C.

Certifications

Medicago's laboratories and manufacturing site in Uppsala is ISO 9001:2015 certified. Each stage of the manufacturing process is controlled and monitored by stringent quality control procedures to guarantee the highest possible quality and lot-to-lot reproducibility.



Ordering information

| Article no. | Product name | Pack size | Solution vol. |
|-------------|--------------|-------------|---------------|
| 09-7510-100 | TBS-T pH 7.6 | 100 tablets | 500 ml/tablet |
| 09-7510-10 | TBS-T pH 7.6 | 10 tablets* | 500 ml/tablet |

*Blister pack