



## 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

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 a non-ionic detergent. 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 for plate based assays
- Wash buffer in immunoassays, for example ELISA and Western blotting

#### Directions for use

Deposit one tablet in a laboratory flask or beaker placed on a magnetic stirrer. Add 200 ml of deionized water and stir the solution for a few minutes. Adjust the volume up to 500 ml, 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 three years.

#### 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 ± 0.05 at 25°C
Shelf life	Three years after production date

#### Tips and hints

- If the tablet is not properly dissolved, make sure:
- the water temperature is 25°C (do not exceed this temperature)
  - the buffer solution is properly stirred.

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

#### Certifications

Medicago's laboratories and manufacturing site in Uppsala are ISO 9001:2008 and ISO 13485:2003 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.
A09-7510-100	TBS-T pH 7.6	100 tablets	500 ml/tablet
A09-7510-10	TBS-T pH 7.6	10 tablets*	500 ml/tablet

\*Blister pack