

1% BSA in TBST Buffer (Catalog# TBS5049-1)**DESCRIPTION**

BSA-TBST Blocking Buffer is a ready-to-use Tris-buffered saline with Tween-20 (TBST) of bovine serum albumin (BSA) protein for blocking steps in Western blot, ELISA, IHC and other immunochemical applications.

This blocking buffer contains 1% (w/v) high-quality BSA in TBST buffer. It is useful for saturating excess protein-binding sites on membranes and microplates in immunoassays. This BSA Buffers is ready-to-use for the specific system. The buffer is usually more effective than nonfat milk blocking buffers for biotin-avidin systems because it contains a single purified protein that is devoid of endogenous biotin.

HIGHLIGHTS

- **Purified protein:** High-quality bovine serum albumin is a single purified protein providing fewer chances of cross-reaction with assay components than serum or milk solutions
- **Convenient:** This buffer is ready-to-use, and can be diluted easily to obtain optimal blocking results for specific applications.
- **Easy to use:** No waiting for powder to dissolve with this ready-to-dilute liquid solution.

APPLICATIONS

Western blot, ELISA, Immunohistochemistry, and other biochemical assays.

DIRECTIONS OF USE

To block, incubate 30 minutes to 2 hours at room temperature or 37°C.

CONCENTRATION AND SIZE

1% BSA, 137 mM Sodium Chloride, 20 mM Tris, 0.1% Tween-20 and preservative agent at pH 7.6. It is supplied as 500 mL in each bottle.

STORAGE CONDITIONS

Upon receipt store product at 4°C. Product is shipped at ambient temperature.

RELATED PRODUCTS

Protein Cell Lysis Buffer (#TBS5001)
10x TBST Buffer (#TBS5008)
6x Protein Loading Buffer (#TBS5014)
10x SDS-PAGE running buffer (#TBS5015)
10x PAGE-gel transfer buffer (#TBS5016)
Stripping Buffer (#TBS5020)
2% BSA in TBST Buffer (#TBS5049-2)
5% BSA in TBST Buffer (#TBS5049-5)

This product is for *in vitro* research use only and is not intended for use in humans or animals in therapeutic or diagnostic procedures.

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