

**Product Catalog**  
**TBS5074-10****Unit Size**  
**10 MG****DESCRIPTION**

Bovine Serum Albumin (BSA) Solution is formulated with bovine serum albumin Fraction V in 1x PBS (pH 7.0-7.4). It contains 1% bovine serum albumin Fraction V (10 mg/mL) in the buffer. The solution can be used for in vitro assays of molecular biology and protein assay.

**FEATURES**

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

**APPLICATIONS**

- Protein and enzyme stabilization during purification and/or storage.
- Enzymatic reactions where the absence of nucleases is essential.
- A blocking agent to minimize background in DNA and protein labeling experiments.
- Prevents adhesion of enzymes to reaction tips and tube surfaces.

**CONTENTS**

BSA Solution is supplied as 1 mL, containing 1% Fraction V in 1x PBS (pH 7.0-7.4).

Sterility: The solution is sterilized and filtered with 0.2 µm filter.

Storage conditions: Store the solution at -20°C. Shelf life: 24 months after receipt.

**RELATIVE PRODUCTS**

1xPBS (TBS5003)  
2% BSA in TBST (TBS5049-2)  
5% BSA in TBST (TBS5049-5)  
2% BSA in PBS (TBS5048)  
10% BSA in PBS (TBS5087)  
0.1% BSA ELISA Assay Buffer (TBS5057)  
Protein Assay Kit (Catalog# TBS2005)  
Protein Lysis Buffer (Catalog# TBS5001)  
Urea Solution (TBS5037)  
Ammonium Sulfate Solution (Catalog# TBS5038)  
MOPS Buffer (Catalog# TBS5041)  
30% Bovine Serum Albumin (BSA) Solution in DPBS (TBS8031)

**Research Use Only**