

Product Catalog	Unit Size
TBS5048	50 mL
TBS5048-100	100 mL
TBS5048-500	500 mL

## DESCRIPTION

Bovine Serum Albumin (BSA) Solution is formulated with bovine serum albumin Fraction V in 1× PBS (pH 7.0–7.4). It contains 2% bovine serum albumin Fraction V (20 mg/mL) in the buffer. The solution can be used for in vitro molecular biology assays and protein assays.

## FEATURES

- High-quality bovine serum albumin: A single purified protein that provides 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 waiting for powder to dissolve, as this is a 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
- Prevention of enzyme adhesion to reaction tips and tube surfaces

## CONTENTS

BSA Solution is supplied in 50 mL, 100 mL, and 500 mL bottles, containing 2% Fraction V in 1× PBS (pH 7.0–7.4).

Sterility: The solution is sterile and filtered through a 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)  
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)

## Research Use Only