

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 7.0–7.6). 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 7.0–7.6).

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