

Bovine Serum Albumin (BSA) (TBP0016)

Catalog	Unit Size
TBP0016-10G	10 g
TBP0016-50G	50 g
TBP0016-100G	100 g

DESCRIPTION

Bovine Serum Albumin (BSA) serves as a natural carrier protein for fatty acids, trace minerals, and growth factors in cell culture systems. The low-endotoxin form of BSA is especially suited as a carrier for nutritional supplements in stringent serum-free or chemically defined cell and tissue cultures.

Synonyms: Albumin bovine serum, BSA, Bovine albumin

APPLICATION

Supplementation of cell and tissue culture

SPECIFICATION

Appearance: powder

Color: off white

Moisture: < 5.0%

Ash: < 2.0%

pH: 6.5 – 7.5

Heavy metals: ≤ 20 ppm

Albumin (electrophoresis): ≥ 98%

Solubility: soluble at 7% in water

Protein: ≥ 98% (dry basis)

IgG level: not detected

Endotoxin: <2.0 EU/mg

Tested negative for Blue Tongue and Vesicular Stomatitis

STORAGE

Store at 2 °C to 8 °C. Stable for ≥ 5 years.

RELATED PRODUCTS

1xPBS (TBS5003)

2% BSA in PBS (TBS5048)

2% BSA in TBST (TBS5049-2)

5% BSA in TBST (TBS5049-5)

30% BSA (TBS8031)

0.1% BSA ELISA Assay Buffer (TBS5057)

PBST (TBS5011)

TBS (TBS5008)

TBST (TBS5008T)

0.5M EDTA Solution (TBS5040)

Antigen retrieval Citrate Solution-pH6.0(TBS5077)

Protein Assay Kit (TBS2005)

Protein Lysis Buffer (TBS5001)

Urea Solution (TBS5037)

Ammonium Sulfate Solution (TBS5038)

MOPS Buffer (TBS5041)

L-Glutamine solution 200 mM (TBS8094)

This product is for research use only.