



碧云天生物技术/Beyotime Biotechnology
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BSA (Fatty Acid & IgG Free, BioPremium)

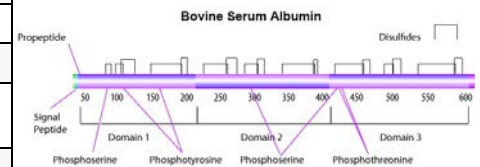
产品编号	产品名称	包装
ST025-5g	BSA (Fatty Acid & IgG Free, BioPremium)	5g
ST025-20g	BSA (Fatty Acid & IgG Free, BioPremium)	20g
ST025-100g	BSA (Fatty Acid & IgG Free, BioPremium)	100g

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
9048-46-8	NA	66kDa	≥99%	BioPremium

➤ 基本信息(General Information):

Name (Chinese)	牛血清白蛋白
Name (English)	Bovine Serum Albumin
Specifications	≥99%, Fatty Acid & IgG Free, BioPremium
Chemical Formula	NA
Synonym (Chinese)	BSA, 牛血清白蛋白来源于牛血清, 牛血清白蛋白, 白蛋白牛血清
Synonym (English)	Bovine serum albumin fraction V, Bovine Albumin, BSA, BSA Blocker, BSA Blocking
Beilstein Registry No.	-
EINECS Number	232-936-2
MDL Number	MFCD00130384
UNSPSC Code	-



➤ 产品描述(Description):

General description	<p>BSA is a highly purified, lyophilized albumin, suitable for Westerns, enzyme systems, protein standards, hybridizations and as a protease-sensitive immunoassays. It is also perfectly suitable as a nutrient in cell culture media, with low interference and backgrounds and is ideal for most standard molecular biology experiments. BSA protein is a single polypeptide chain consisting of ~583 amino acid residues and no carbohydrates and is approximately 66kDa in size. Fraction V refers to the fifth fraction of the original Cohn purification of plasma proteins using cold ethanol precipitation and is still commonly used as a name for bovine serum albumin regardless of purification method.</p> <p>Fatty Acid & IgG Free BSA allows for better formulation of albumin with specific fatty acids and IgG to enhance your cell culture system performance or reduce lipid & IgG interference with specific kits or assays. Fatty Acid Free BSA is ideally suited for fatty acid sensitive cell culture systems, such as CHO, Vero and MDCK cells, as well as for the most sensitive research applications. This BSA is protease free and certified BVD (Bovine Viral Diarrhoea) free.</p> <p>The presence of IgG can alter important experimental data and lead to additional non-specific binding in important immunoassays. In monoclonal antibody production the presence of IgG can result in reduced purification yields of the target protein. This BSA is IgG free.</p>
Application	Bovine Serum Albumin (BSA) is used extensively as a carrier protein to dilute antibodies and as a general blocking agent in immunoassays and immunodetection protocols. Fatty Acid & IgG Free BSA is for Fatty acid & IgG-sensitive immunoassays

	such as ELISA, RIA, EIA, Fluorescent and Chemiluminescent, conjugate or enzyme stabilizer, hybridization, nucleic acid-based assays and Fatty acid & IgG sensitive cell culture systems.
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➤ **性质(Properties):**

Non-Esterified Fatty Acid (Enzymatic Assay)	<0.01%
IgG (Turbidimetric Analysis)	Not Detected
ENDOTOXIN (LAL)	<0.01 EU/mg
PROTEASE (Enzymatic Assay)	Negative
PROTEIN (Dry Basis)	≥99%
pH (10% Solution)	~7.2
PURITY (Agarose Gel)	≥99%
E. COLI BY MPN (USFDA-BAM)	<3 MPN/g
MOISTURE (AOAC 930.15)	<5.0%
SOLUBILITY (6% W/V IN DI H2O)	Soluble
ASH (AOAC 923.03)	<2.0%
HEAVY METALS (AOAC 984.27)	< 10 ppm
SALMONELLA (BACGene)	Absent
MICROBIAL CONTENT (AOAC 990.12)	<10 cfu/g
MYCOPLASMA (Culture)	Negative
BVD (Virus Isolation)	Negative
PATHOGEN INDUCING CYTOPATHY	Negative

➤ **安全信息(Safety Information):**

Hazard Pictogram Codes	-
Signal Word	-
Hazard Statements	-
Precautionary Statements	-
Personal Protective Equipment	-
Hazard Codes (Europe)	-
Risk Codes (Europe)	-
Safety Codes (Europe)	-
RIDADR	NONH for all modes of transport
WGK Germany	-
RTECS	-
Flash Point (F)	-
Flash Point (C)	-

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—	说明书	1份

保存条件:

4°C保存。

注意事项:

- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

相关产品:

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ST023-1000g	BSA, Fraction V	1000g
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