
Bovine Serum Albumin

Catalog Number: bs-0292P

Predicted MW: 66 kDa

Endotoxin: Not analyzed

Storage: Stored at 2-8°C.

Background: 牛血清白蛋白 (BSA) , 是牛血清中的一种球蛋白, 包含607个氨基酸残基, 分子量为66.446KDa, 等电点为4.7。牛血清白蛋白在生化实验中有广泛的应用。

白蛋白可与多种阳离子、阴离子和其他小分子物质结合。血液中的白蛋白主要起维持渗透压作用、PH缓冲作用、载体作用和营养作用。在动物细胞无血清培养中, 添加白蛋白可起到生理和机械保护作用 and 载体作用。

产品性质:

级别/纯度:	≥98% (agarose gel electrophoresis)
等电点:	4.7
外观/性状:	浅黄褐色粉末
溶解性:	溶于水

PRODUCT SPECIFIC PUBLICATIONS

[IF=23.2] Feihong Yan. et al. Hybrid near-infrared-activated luminescent gold nanoparticle platform for efficient cancer therapy. Advanced Composites and Hybrid Materials .2025 Feb Other ; .
10.1007/s42114-024-01141-9

[IF=15.1] Jiao Ma. et al. Facile fabrication of liquid metal enabled conductive zwitterionic hydrogel for robust electrochemical sensing in complex serum. CHEM ENG J. 2024 Jul;492:152433 Other ; .
10.1016/j.cej.2024.152433

[IF=14.1] Qiao Wang. et al. Hydroxypropyl Cellulose Assembled Microspheres as Structural Color Barcodes from Revolving Microfluidics. ADV SCI. 2025 Jun;;e06556 ; . 40464340

[IF=13] Jian Xie. et al. A Constant Filgotinib Delivery Adhesive Platform Based on Polyethylene Glycol (PEG) Hydrogel for Accelerating Wound Healing via Restoring Macrophage Mitochondrial Homeostasis. SMALL. 2024 Dec;;2408791 ; . 39679768

[IF=9.518] Fang D et al. An ultrasensitive ratiometric electrochemiluminescence immunosensor combining photothermal amplification for ovarian cancer marker detection. Biosens Bioelectron. 2019 Dec 15;146:111768. Other ; . 31606687