

Super pure Bovine Serum Albumin

Catalogue number: 160589

Sub-type: BSA

Images:

Contributor

Inventor: Andrzej Gamian ; Arkadiusz Bartys ; Magdalena Staniszewska ; Regina Danielewicz ; Katarzyna Dzierzba ; Agnieszka Szydelko ; Jadwiga Pietkiewicz

Institute: Polski Ośrodek Rozwoju Technologii (PORT) Polish Center for Technology Development
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Super pure Bovine Serum Albumin

Alternate name: Bovine serum albumin, BSA

Class:

Conjugate:

Description: Bovine serum albumin (BSA) is one of the least expensive, commercially available proteins. It is widely used as a model protein in pure research and a number of practical uses. BSA is also used in the construction of conjugated vaccines. After binding to polysaccharide antigens, it is possible to obtain effective and safe vaccines against pathogens. In a similar system, BSA is also used in neoplasm therapy. In such uses, BSA should have a high degree of purity. In particular, it should lack carbohydrate contamination. Earlier reports indicate the presence of high molecular weight derivatives in BSA preparations. Highly polymerized aggregates may form as a result of the reaction of the protein with reactive carbonyl compounds by way of glycation. The risk of the formation of such contaminating aggregates is possible due to the presence of reducing sugars in the protein environment. Additionally, the presence of saccharide conjugates and high-molecular mass derivatives in available commercial BSA preparations excludes them from use in primary research in molecular biology. For this reason, it is necessary to obtain BSA in monomeric form and lacking saccharide inclusions.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target:
Target alternate names:
Target background:
Molecular weight:
Ic50:

Applications

Application:
Application notes:

Handling

Format:
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry Ice

Related tools

Related tools:

References

References: WO2014195881 - BORDETELLA PERTUSSIS LOS-DERIVED OLIGOSACCHARIDE WITH PERTUSSIS TOXIN GLYCOCONJUGATE AND ITS APPLICATION IN THE PROPHYLAXIS AND TREATMENT OF INFECTIONS CAUSED BY BORDETELLA PERTUSSIS

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