

AGE-BSA

Cat #: BGT-CMP-100

Size: 10mg

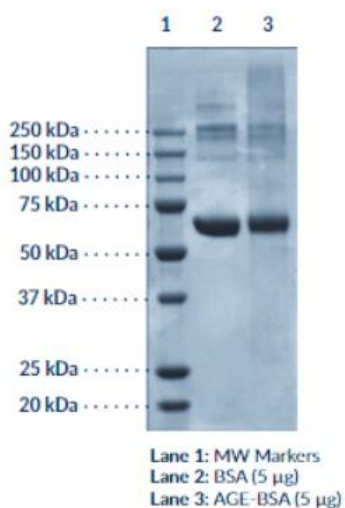
Synonyms: Advanced Glycation End Product - Bovine Serum Albumin, Glucose AGE-BSA

Source: Albumin isolated from bovine plasma and modified with glucose

Molecular Weight: 69.3 kDa

Storage: -20°C (as supplied); avoid freeze/thaw cycles by aliquoting the protein after resuspension.

Supplied in: Lyophilized from a solution in PBS, pH 7.4, at 10 mg per vial. Reconstitution with 0.2 ml of water will yield 50 mg/ml solution in 1X PBS.



Product Introduction

Advanced glycation end products (AGEs) are formed from the nonenzymatic reaction of amino groups with reducing sugars. AGEs have been implicated in diseases, such as diabetes mellitus, non-diabetic nephropathy, macrovascular disease, Alzheimer's disease, cataract, and ageing. AGE receptors, such as the receptor for AGE (RAGE), mediate biological responses to AGEs, including endocytic uptake and degradation and induction of cytokines and growth factors. AGE-BSA was produced by incubating BSA with glucose, followed by extensive dialysis.

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.