CREATIVE BIOMART®
Assay Kit

Albumin (BCG) Assay Kit (Colorimetric)

Product Information

Cat

Kit-1026

Common Name

BCG

Cat.No. Kit-1026

Description

Albumin is the most abundant protein in human blood and is highly conserved among vertebrates. It plays a pivotal physiological role in maintenance of plasma osmotic pressure, vascular permeability, and transport of cholesterol, bile pigments, nitric oxide, metals, and other small molecules in the body. It also functions as a free radical scavenger of reactive oxygen and nitrogen species, triggers cell signaling processes, possesses anti-inflammatory and coagulatory effects. Albumin (BCG) Assay Kit is a simple high-throughput assay that detects Albumin concentration in serum. The assay is based on the selective interaction between Bromocresol Green (BCG) and Albumin forming a chromophore that can be detected at 620 nm. The signal is directly proportional to the amount of Albumin present in the serum. BCG does not react with other abundant plasma proteins like IgG. The assay can detect as low as 5 μg (0.01 g/dl) of albumin in serum samples.

Applications

Measurement of Albumin concentration in serum

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

Tel: 1-631-559-9269 1-516-512-3133

Email:info@creative-biomart.org

Fax:1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

CREATIVE BIOMART®
Assay Kit

Albumin (BCG) Assay Kit (Colorimetric)

Albumin Assay Buffer; Bromocresol Green (BCG); Bovine Serum Albumin (BSA, 50 mg/ml)

Target Species

Mammalian

Detection method Absorbance (620 nm)

Features & Benefits

Simpleprocedure, High-throughput suitable; The assay can detect as low as 5 μg (0.01 g/dl) of albumin (BCG) in serum samples.

Tel: 1-631-559-9269 1-516-512-3133

Email:info@creative-biomart.org

Fax:1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA