
Apolipoprotein B, Apo B Protein (Active)

Catalog# BNP1002

cholesterol or LDL.

Lot # Check on the product label

Size 1 mg

Description

Purified human Apolipoprotein B protein.

Source [Human serum](#)

Purity >90% by SDS-PAGE

Formulation Liquid

Application

ELISA

Other applications have not been tested.

The optimal dilutions should be determined by end user.

Storage buffer

Each vial contains 10mM PBS (pH7.4).

Storage & Expiration

Ship at 4°C. Upon receipt, aliquot and store at -20°C or -80°C for long term.

Avoid repeated freeze and thaw cycles.

Background

Apolipoprotein B (ApoB) are the primary apolipoproteins of chylomicrons and low-density lipoproteins(LDL), which is responsible for carrying cholesterol to tissues. It is the primary apolipoprotein component, acts as a ligand for LDL receptors in various cells throughout the body. Through a mechanism that is not fully understood, high levels of ApoB can lead to plaques that cause vascular disease (atherosclerosis), leading to heart disease, the levels of ApoB are a better indicator of heart disease risk than total

Reference

1. Contois JH, Warnick GR, Sniderman AD (2011). "Reliability of low-density lipoprotein cholesterol, non-high-density lipoprotein cholesterol, and apolipoprotein B measurement". JOURNAL OF CLINICAL LIPIDOLOGY 5 (4): 264–272.

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Chongqing Biospes Co., Ltd Tel: +86-23-67567091 Fax: +86-23-67745923

7F, Bldg B, High-tech Venture Park, # 107 Erlang Chuangye Rd, Jiulongpo District, Chongqing, 400039, China www.biospes.com