Human LPA, Tag Free

Catalog Number	LDG0001NH
Package	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit our website.

Overview

Product Note

Human Lipoprotein is a native protein isolated from human serum

Specifications

Species of Origin

Human

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4., with 0.01% HSA

Purity

>80% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated MW of 39 kDa. The protein migrates as 48 kDa under reducing condition (SDS-PAGE analysis).

Mycoplasma

Not detected

Form

Lyophilized

Background

Tainan Headquarter

☎ +886-6-2536677

✉ bd@leadgene.com.tw

Innovation & Research Center

☎ +886-2-27065528

CLD Center

☎ +886-6-2536677

Background

Lipoprotein(a), or Lp(a), is a lipoprotein composed of LDL and apolipoprotein(a), which is covalently attached to apolipoprotein B-100. Its plasma levels are primarily determined by genetics and vary widely among individuals. Elevated Lp(a) is an independent risk factor for cardiovascular diseases, including coronary artery disease, stroke, and aortic stenosis. Its structural similarity to plasminogen may impair fibrinolysis, contributing to its proatherogenic and prothrombotic effects. Despite its clinical importance, effective treatments to lower Lp(a) are limited. Measuring Lp(a) is increasingly used to identify individuals with elevated cardiovascular risk.

Uniprot ID

P08519

Synonyms

Apolipoprotein(a), Apo(a), Lp(a), LPA

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:
● -20°C for 12 months in lyophilized state from date of receipt.
● -20°C or -80°C for 1 month under sterile conditions after reconstitution.
Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Disclaimer : For Research Use or Further Manufacturing Only.

Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

Innovation & Research Center

+886-2-27065528

CLD Center

+886-6-2536677