

## Human LPA, Tag Free

<b>Catalog Number</b>	LDG0001NH
<b>Package</b>	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

#### Storage 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 Headquarters

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### 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<sub>2</sub>O 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.

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