

# Lens culinaris Lectin (LCA/LCH) - Biotinylated

Cat PL00002

Size 5 mg

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## Sugar Specificity

$\alpha$ -Mannose,  $\alpha$ -Glucose

## Description

Biotin is a small molecule involved in a variety of metabolic processes. This ligand forms complexes with affinogens and streptavidins, leading to the strongest known noncovalent protein-ligand interaction. The biotinylated lens culinaris (lentil) lectin (LCA/LCH) has the appropriate amount of biotin binding to provide optimal assay properties when using affinity hormone- hrp or chain affinity hormone- hrp couplers. Biotinylated lectins allow for more sensitive detection in ELISA and Western-blotting applications.

## Abbreviation

LCA/LCH

## Material Source

Lentil

## Conjugate

Biotinyl N- Hydroxysuccinimide Ester (Biotin)

## Concentration

5 mg/mL

## Purity

High Purity Grade

## Shelf Life

1 year

## Blood Group Specificity

Non-specific

## Sugar Specificity

$\alpha$ -Mannose,  $\alpha$ -Glucose

## Inhibiting or Eluting Sugar

$\alpha$ -Methylmannoside +  $\alpha$ -Methylglucoside

## Divalent Ions

Ca<sup>++</sup>, Mn<sup>++</sup>

## Mitogenic Activity

Yes

## Format

Liquid

## Storage

-20°C

## Molecular Weight

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Lens culinaris Lectin (LCA/LCH) - Biotinylated



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49 kDa

## Hazardous Shipping

Non-hazardous

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