

Native Burkholderia sp. Lipoprotein Lipase

Cat. No. NATE-0417

Lot. No. (See product label)

Introduction

Description

Lipoprotein Lipase (LPL) is a glycerol ester hydrolase. Several bacteria that produce LPL, belongs to the genus *Pseudomonas*, *Serratia* and *Mucor*. Lipoprotein lipase hydrolyzes triglycerides in plasma lipoproteins causing release of fatty acids for metabolic purposes in muscles and adipose tissue.

Applications

Lipoprotein lipase has been used in a study to assess the role of lipogenic enzymes in colorectal cancer. It has also been used in a study to investigate lipasemic activity of low molecular weight heparin in rats.

Synonyms

lipoprotein lipase; clearing factor lipase; diglyceride lipase; diacylglycerol lipase; postheparin esterase; diglyceride lipase; postheparin lipase; diacylglycerol hydrolase; lipemia-clearing factor; EC 3.1.1.34; 9004-02-8; LPL

Product Information

Source

Burkholderia sp.

Form

lyophilized powder

EC Number

EC 3.1.1.34

CAS No.

9004-02-8

Activity

> 50,000 units/mg solid

Unit Definition

One unit will release 1.0 nmole of p-nitrophenol per min at pH 7.2 at 37°C using p-nitrophenyl butyrate as substrate.

Storage and Shipping Information

Storage

–20°C