

## 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