Creative Enzymes®

Native Rabbit Esterase

Cat. No. NATE-0238

Lot. No. (See product label)

Introduction

Description	An esterase is a hydrolase that splits esters into acids and alcohols
Applications	Esterase from rabbit liver has been used in a study to investigate a toxic effect of carbamate insecticides. Esterase from rabbit liver has also been used in a study to investigate the effect of simvastatin on expression and activity of a lipoprotein-ass ociated phospholipase A. The enzyme from Creative Enzymes has been used to study the effect of divalent metal ions on the activity of esterase.
Synonyms	EC 3.1.1.1; ali-esterase; B-esterase; monobutyrase; cocaine esterase; procaine esterase; methylbutyrase; vitamin A esterase; butyryl esterase; carboxyesterase; carboxylate esterase; carboxylic esterase; methylbutyRate esterase; triacetin esterase; carboxyl ester hydrolase; butyRate esterase; methylbutyrase; α-carboxylesterase; propionyl esterase; nonspecific carboxylesterase; esterase D; esterase B; esterase A; serine esterase; carboxylic acid esterase; cocaine esterase; 9016-18-6

Product Information

Species	Rabbit
Source	Rabbit liver
Form	Lyophilized powder containing Tris buffer salts
EC Number	EC 3.1.1.1
CAS No.	9016-18-6
Activity	> 75 units/mg protein
Unit Definition	One unit will hydrolyze 1.0 μmole of ethyl butyrate to butyric acid and ethanol per min at pH 8.0 at 25°C.

Storage and Shipping Information

Storage	−20°C