

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-associated 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 μ mole of ethyl butyrate to butyric acid and ethanol per min at pH 8.0 at 25°C.

Storage and Shipping Information

Storage -20°C