Creative Enzymes®

Native Porcine Cholesterol Esterase

Cat. No. NATE-0115

Lot. No. (See product label)

Introduction

Description	The enzyme is found primarily in pancreas and pancreatic secretions, but in other tissues as well. Bile salts, such as cholate and its conjugates, act as stabilizers of the native polymeric form of the enzyme and can protect it from proteolytic degradation in the intestine.
Applications	Determination of cholesterol in serum and plasma, with cholesterol oxidase or peroxidase Synthesis of optically active alcohols and carboxylic acids (via ester hydrolysis, esterification, or transesterification)
Synonyms	cholesterol esterase; cholesteryl ester synthase; triterpenol esterase; cholesteryl esterase; cholesteryl ester hydrolase; sterol ester hydrolase; cholesterol ester hydrolase; cholesterase; acylcholesterol lipase; EC 3.1.1.13; 9026-00-0; sterol esterase; CE

Product Information

Species	Porcine
Source	Porcine pancreas
Form	Lyophilized powder.
EC Number	EC 3.1.1.13
CAS No.	9026-00-0
Activity	> 300 units per gram dry weight
Isoelectric point	7.91
Unit Definition	One Unit hydrolyzes one micromole of cholesterol ester per minute at 37°C, pH 7.0.

Storage and Shipping Information

Storage	Store at -20°C