

## Native Horse Esterase

Cat. No. NATE-0236

Lot. No. (See product label)

### Introduction

**Description** An esterase is a hydrolase that splits esters into acids and alcohols

**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;  $\alpha$ -carboxylesterase; propionyl esterase; nonspecific carboxylesterase; esterase D; esterase B; esterase A; serine esterase; carboxylic acid esterase; cocaine esterase; 9016-18-6

### Product Information

**Species** Horse

**Source** Horse liver

**Form** lyophilized powder; brown

**EC Number** EC 3.1.1.1

**CAS No.** 9016-18-6

**Molecular Weight** Mr ~70 kDa

**Activity** 0.5-1.0 units/mg

**Unit Definition** 1 U corresponds to the amount of enzyme which hydrolyzes 1  $\mu$ mol ethyl butyrate per minute at pH 8.0 and 25°C

### Storage and Shipping Information

**Storage** -20°C