

## Native *H. pylori* Urease

Cat. No. PHAM-179

Lot. No. (See product label)

### Introduction

#### Description

Ureases (EC 3.5.1.5), functionally, belong to the superfamily of amidohydrolases and phosphotriesterases. It is an enzyme that catalyzes the hydrolysis of urea into carbon dioxide and ammonia. The reaction occurs as follows:  $(\text{NH}_2)_2\text{CO} + \text{H}_2\text{O} \rightarrow \text{CO}_2 + 2\text{NH}_3$ .

#### Applications

Specific methodologies have not been tested using this product.

#### Synonyms

EC 3.5.1.5; Urease

### Product Information

#### Source

*H. pylori*

#### Form

Antigen Grade, Liquid

#### EC Number

EC 3.5.1.5

#### CAS No.

9002-13-5

#### Purity

Sephadex G200 Purified. SDS-PAGE analysis with 30KD and 66KD.

#### Concentration

0.6mg/ml(BCA)

#### Preservative

0.05% Sodium Azide