

## 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