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| Catalog # | 1264 |
| Synonyms | Clostridium perfringens toxin beta |
| Type | Recombinant |
| Source | E. coli |
| Species | Clostridium perfringens |
| Tag | GST |
| Form | Liquid |

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| Purity | >95% by SDS PAGE |
| Shipping | Ice pack |

Introduction

Genetically modified nontoxic form of Clostridium perfringens toxin beta-2. Produced as toxoid with identical antigenic response as wild-type toxin in E. coli as recombinant GST-fusion protein.

Description

Clostridium perfringens beta toxin is a necrotizing agent and it induces hypertension by release of catecholamine. It is produced by Clostridium perfringens Type B and Type C strains. Beta toxin is susceptible to proteolytic cleavage particularly by trypsin, and is therefore highly lethal to infant mammals due to trypsin inhibitors presence in the colostrum.

Application

ELISA, Western blot, vaccine development and testing

Purification method

Affinity chromatography

Formulation

PBS solution 1 mg/ml, contains 10 mM glutation.

Storage

-80C

**Analyte specific reagent (ASR) manufactured under ISO 13485.
Country of origin: Czech Republic**

