



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

