Creative Enzymes®

Bordetella pertussis toxin

Cat. No. CEI-1601

Lot. No. (See product label)

Introduction

Description	This Bordetella pertussis toxin has been developed in response to the increasing pressure on the IVD industry to supply highly specific, cost-effective antibody capture systems, which are needed for monitoring vaccination programmes. FHA, a major cause of false results, is removed from the preparation by two rounds of chromatography. Bordetella pertussis is grown in batch culture, then the supernatant harvested and concentrated. Several rounds of chromatography are used to purify the native toxin to a very high level and with minimal lot-to-lot variation. CHO cell assays demonstrate a clustering concentration of between 0.01 and 0.005 ng/ml. The toxin is offered in lyophilized format, but is also produced in glycerol or liquid formulation depending on customer desire.
Synonyms	pertussis toxin

Product Information

Source	E. coli
Form	Lyophilised
Purity	>98% pure by SDS-PAGE
Concentration	0.25 mg/ml

Usage and Packaging

Reconstitution	Reconstitution of one vial with 2 ml distilled water will give a solution containing 50ug of pertussis toxin, 0.05M sodium phosphate buffer at pH7.2 and 0.5M sodium chloride.

Storage and Shipping Information

Storage	2-8°C