

Product datasheet

Native Clostridium difficile Toxoid A protein ab124000

[1 Image](#)

Description

Product name	Native Clostridium difficile Toxoid A protein
Purity	> 95 % SDS-PAGE. Clostridium difficile Toxoid A is a highly purified preparation.
Expression system	Native
Protein length	Full length protein
Animal free	No
Nature	Native
Predicted molecular weight	308 kDa

Specifications

Our **Abpromise guarantee** covers the use of **ab124000** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized
Additional notes	This protein is derived from a pathogenic organism, and may be involved in a disease process, consequently exposure may have adverse health effects. Inactivation: Inactivated using formaldehyde. No cell rounding in the sensitive verocytotoxicity assay at 2µg/ml compared to active toxin lethal dose of 4pg/ml.

Preparation and Storage

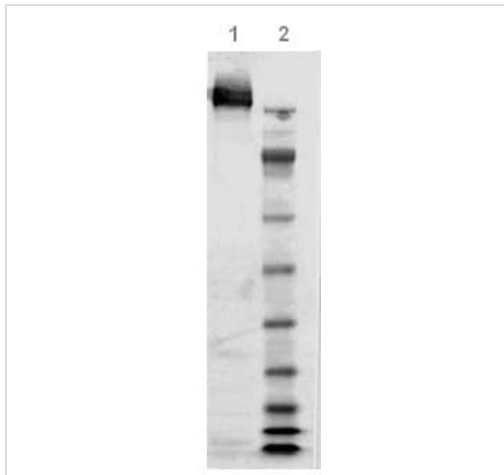
Stability and Storage	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. pH: 7.00 Constituents: 1.19% HEPES, 5% Sucrose, 0.88% Sodium chloride
Reconstitution	Reconstitute in 250µl sterile distilled water.

General Info

Relevance	Clostridium difficile, or C. difficile, a gram positive anaerobic bacterium, is the major causative
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agent of colitis and diarrhoea that can occur following antibiotic intake. *C. difficile* infection is one of the most common hospital acquired infections. When *C. difficile* colonize the gut, they release two potent toxins, toxin A and toxin B, which bind to certain receptors in the lining of the colon and ultimately cause diarrhoea and inflammation of the large intestine.

Images



SDS-PAGE showing ab124000 at 308 kDa.

SDS-PAGE - Native Clostridium difficile Toxoid A protein (ab124000)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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