

Certificate of Analysis

Name: *Clostridium difficile* Toxin A

Product code: CDA-TNL-50

Batch #: 47460

Description: Native toxin A purified from *C. difficile* strain VPI10463 (toxintype 0)

Amount: 50µg

Purity: >95% pure by SDS-PAGE

Presentation: Bubbly/glassy residue due to lyophilisation in 5% sucrose to increase product stability

Buffer: Contents when reconstituted in 250µl sterile distilled water will contain: Toxin A at a concentration of 0.2mg/ml in 0.05M Hepes, 0.15M NaCl and 5% sucrose

Verocytotoxicity assay result: 0.2 ng/ml (lowest point at which rounded cells are observed)

Usage guidelines

Storage: Lyophilised vial: +2°C to +8°C


Reconstituted liquid: +2°C to +8°C

Stability: Lyophilised vial: 1 year after date of receipt

Reconstituted liquid: 1 month

Freezing: Reconstituted liquid can be frozen at -80°C to extend stability to 1 year; however every freeze/thaw cycle will cause increased aggregation. Avoid multiple freeze/thaw cycles and multiple temperature fluctuations.

Mixing: Swirl or pipette gently to mix. Vortexing promotes aggregation.



QC Officer

16-JAN-2017

Date

