



## C. difficile Toxin A (DAGH048)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Native toxin A purified from C. difficile strain VPI10463 (toxintype 0). Vcrocycytotoxicity assay result: 0.2 ng/ml (lowest point at which rounded cells are observed). Clostridium difficile Toxin A is a highly purified preparation. Developed either for use with clinical diagnostic assays, it serves as a positive control and for determination of assay range or for use by researchers in techniques such as cytotoxicity testing. The product is presented in a choice of pack sizes and is lyophilised for ease of use.
<b>Purity</b>	>95% pure by SDS-PAGE
<b>Conjugate</b>	Unconjugated
<b>Stability</b>	Lyophilised vial: 1 year after date of receipt; Reconstituted liquid: 1 month
<b>Format</b>	Lyophilised
<b>Concentration</b>	0.2 - 0.5 mg/ml
<b>Size</b>	50 µg, 100 µg, 500 µg
<b>Buffer</b>	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
<b>Preservative</b>	None
<b>Storage</b>	Lyophilised vial: +2°C to +8°C; Reconstituted liquid: +2°C to +8°C. Reconstituted liquid can be frozen at -80°C to -20°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.

### BACKGROUND

**Keywords**

Clostridium difficile Toxin A; C. difficile Toxin A; Toxin A; TcdA; The large clostridial cytotoxins; LCT

---