

## Certificate of Analysis

**Name:** Bordetella Pertussis Toxin (Glycerol)

**Product Code:** PT-TNG-50 / PT-TNG-200

**Batch #:**

**Date of Manufacture:**

**Product Description:** Purified native pertussis toxin from Bordetella pertussis, in glycerol buffer for repeated use and freeze/thawing, CHO cluster assay tested.

**Strain/Isolate:** NC10739/ACTC 9797

**Amount:** 0.05 mg / 0.2 mg

**Concentration:** mg/ml

**CHO cell assay:** 1 pg/ml (Lowest concentration of toxin at which a positive response (clustered growth pattern) is obtained is  $< \text{ or } = 0.01$ ).

**Purity:** Migrates as five distinct bands (two doublets) when run under denaturing polyacrylamide SDS-urea gels. Purity on SDS-PAGE is  $>98\%$ .

**Presentation:** Sterile filtered liquid/frozen

**Buffer:** Sterile filtered 50mM Tris pH 7.5, 10mM glycine, 0.5M sodium chloride, 50% (v/v) glycerol.

### Usage Guidelines

**Short Term Storage:**  $-20^{\circ}\text{C}$

**Long Term Storage:**  $-20^{\circ}\text{C}$

X

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QC

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QA

**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**