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Certificate of Testing

Pertussis Toxin (Salt-Free)

Prod. No: 181 **Lot Number:** 181242A1

Date of Manufacture 09 September 2021 **FOR RESEARCH PURPOSES ONLY.
 NOT FOR HUMAN USE.**

Contents

Each container holds 50 µg of lyophilized Pertussis Toxin. Reconstitute with water or buffer of choice.

Storage/Shipping Requirements


Store at 5 ± 3 °C. This product is provided as an aseptically packaged lyophilized powder, sealed under vacuum. Ship material at ambient temperature.

Handling

Good laboratory technique should be employed in the safe handling of this product. Wear appropriate laboratory attire including a lab coat, gloves and safety glasses.

The product is intended for research purposes by qualified personnel. It is not intended for use in humans or as a diagnostic agent. List Biological Laboratories, Inc. is not liable for any damages resulting from the misuse or handling of this product.

Attribute	Test Method ID/Version	Results
Appearance	Physical Appearance / ASSAY.063 v05	Before reconstitution: uniform white powder After reconstitution: uniform suspension particulate free
Purity	SDS-PAGE / GELS.018 v18	5 distinct bands with 100% purity
	Endotoxin / ASSAY.092 v05	930 EU/mg
Activity	CHO Cell Assay	Lowest concentration of Pertussis Toxin that causes cell clustering: 0.03 ng/mL
	Adenylate Cyclase Assay	2.11 pmoles cAMP/min/µg

Quality Control Manager:  Date: 10/01/2021

Production:  Date: 01OCT 2021