Bordetella pertussis toxin

High purity toxin with minimal lot-to-lot variation

Native protein.

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BML-G101-0050	50µg

Manuals, SDS & CofA View Online »

- High purity, native protein available as >98% pure
- Minimal lot-to-lot variation ensures reproducible results
- Lyophilized format for extended shelf-life

Handling & Storage

Use/Stability

As indicated on product label or CoA when stored as recommended. This preparation is lyophilized, aseptically packaged and sealed under vacuum. Do not vortex. Store at 4°C prior to and following reconstitution. Do not freeze. This toxin is considered to be biologically active. The lyophilized preparation will remain active for at least one year. The toxin is not completely soluble and the resulting suspension should be made uniform by gentle mixing, not vortexing, prior to withdrawing aliquots. Do not sterile filter. Resuspended toxin should be used within one month. For use with purified G proteins, the toxin must be structurally converted to artificially create a form of the toxin that interacts directly with G proteins. See Kaslow et al. (1987)This product should be used only by technically qualified personnel. Good laboratory technique should be employed: Avoid mouth pipetting; wear gloves and other protective clothing; avoid inhalation; avoid contact with skin or open wounds; thoroughly wash any area of the body that comes in contact with the toxin with soap and water; wash eyes with water for fifteen minutes; exercise care when handling in hypodermic needles to avoid inadvertent intravenous or subcutaneous injection.

Long Term Storage

+4°C

Shipping

Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name

Islet-activating protein, PTX

Appearance

White powder.

Application Notes

Antibody capture, ELISA, LINE assay, cytotoxicity studies

CAS

70323-44-3

Formulation

Lyophilized. Contains 0.05M sodium phosphate and 0.5M sodium chloride.

Purity

≥98%

Purity Detail

Purified protein.

Source

From *Bordetella pertussis*, strain NCTC 10739.

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