



BOTULINUM TOXIN E from *Clostridium botulinum*

Product Number **B6528**
Lot Number 081K2118
Storage Temperature $-20\text{ }^{\circ}\text{C}$

Product Description

Each vial contains 100 μg botulinum toxin E in 0.1 ml of 0.2 M sodium chloride, 0.05M sodium acetate, pH 6.0. Botulinum Toxin E requires activation by adding crystalline trypsin to give a final enzyme concentration of 200 $\mu\text{g}/\text{ml}$. Incubate at $37\text{ }^{\circ}\text{C}$ for 30 minutes.

Precautions and Disclaimer

1. Read the attached MSDS carefully prior to use. Discussion of the MSDS should be held with a safety officer prior to use. See MSDS for antitoxin information.
2. CAUTION: This product is very toxic. Handle with auto/safety pipetter only. Do not mouth pipet.
3. After use, utensils and the toxin solution should be soaked overnight or boiled for 20 minutes in an excess amount of 2% sodium hydroxide solution or sodium hypochlorite (1% available chlorine) solution in a hood or well-ventilated area.

Product Information

Storage/Stability

Store at $-20\text{ }^{\circ}\text{C}$

Product Profile

Toxicity: 8×10^6 mouse LD₅₀/mg protein (intraperitoneal) (Not determined by Sigma)

References

1. Knight, K.E., FEBS Lett. **207**, 222 (1986)
2. Ohashi, Y., et al., Biochim. Biophys. Res. Comm., **142**, 1032 (1987)
3. Kitamura, M., et al., Biochim. Biophys. Acta, **168**, 207 (1968)

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