



Recombinant Staphylococcus aureus Delta Hemolysin (δ-toxin) (tag free)

Catalog No: tcip3033



Available Sizes

Size: 100µg



Specifications

Application:

ELISA, Cytotoxicity

Research Area:

Virology

Form:

Frozen Liquid

Concentration:

Supplied in phosphate buffered saline at a concentration of 0.689 mg/mL

Recommended Dilution:

ELISA: Assay-dependent dilution. WB: Not recommended for this peptide. Cytotoxicity assay: The peptide is active in functional lysis assays with horse red blood cells

as well as human peripheral mononuclear cells.; The peptide can be also used in serology assay as coating antigen to detect antibodies to Hld.

Purity / Grade:

Column chromatography (FPLC)

Storage Instruction:

2-3 weeks at -20°C, long term It is recommended to dispense single-use aliquots and store aliquots at -80°C to avoid multiple freeze/thaw cycles

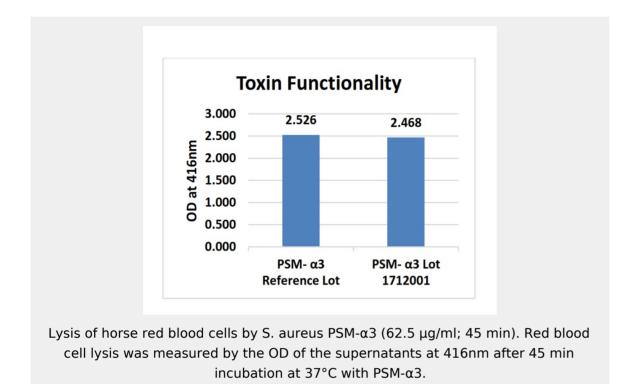
Relevance:

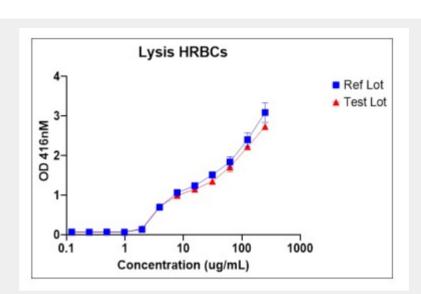
 δ -Toxin is produced by S. aureus and is translated from the RNAIII transcript, a key player of the staphylococcal quorum sensing system (agr). δ Toxin is a major virulence factor of S. aureus and primarily causes cytolysis in red and white blood cells.



Product Description

Purified Staphylococcus aureus delta hemolysin (delta toxin; Hld).





Lysis of horse red blood cells by S. aureus δ -Toxin. Red blood cell lysis was measured by the OD of the supernatants at 416 nm after 45 min incubation at 37°C with δ -Toxin. Starting concentration was 250 μ g/mL with 2-fold dilutions. Red triangles represent the current lot 2204007 and blue squares represent the old lot 1410001.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!