

Staphylococcus aureus Toxic Shock Syndrome Toxin-1 (TSST-1)

Catalog #: 1402-001

Description:

Recombinant TSST-1 expressed in *E. coli* and purified to greater than 90% using column chromatography.

Formulation & Storage: Supplied in PBS. Store at -20°C for 2-3 weeks, -80°C for long term.

Notes & Usage Guidelines:

ELISA: Assay-dependent dilution

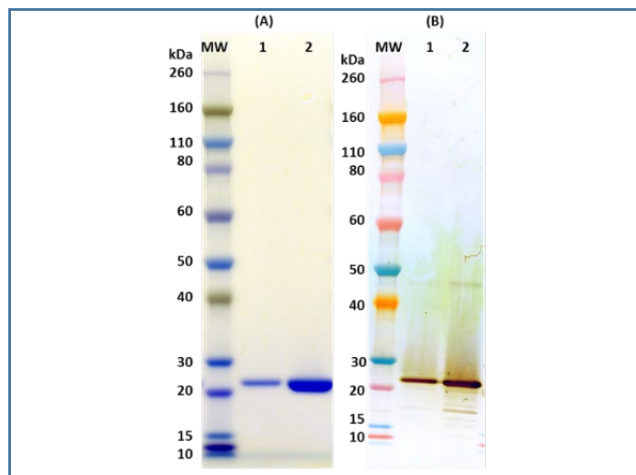
WB: Assay-dependent dilution

Applications

SDS-PAGE and Western Blot Data:

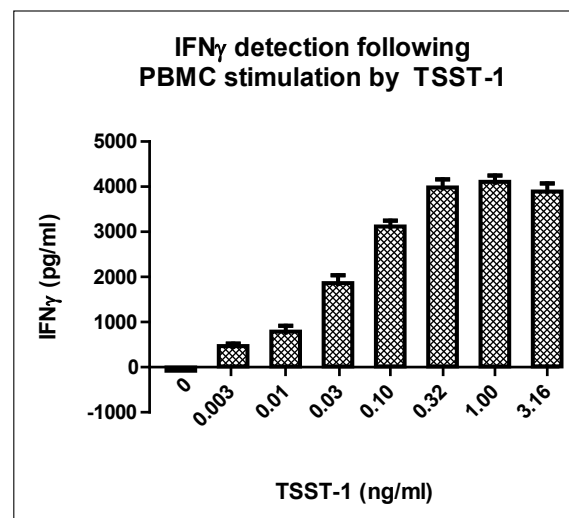
(A) SDS-PAGE of rTSST-1 at 1 µg and 5 µg (Lanes 1 and 2 respectively).

(B) Western Blot detection of rTSST-1 at 100 ng (Lane 1) and 500 ng (Lane 2) using IBT's polyclonal rabbit anti-*Staphylococcus aureus* Superantigen antibody (Catalog # 0311-001) at 0.5 µg/mL and an anti-rabbit IgG HRP conjugate, followed by TMB substrate.



PBMC Stimulation Data:

Stimulation of PBMCs using rTSST-1 generates Interferon γ . Interferon γ was detected from PBMCs by ELISA following 48-hour incubation of PBMCs with varying amounts of TSST-1.



Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at services@ibtbioservices.com

Related Products:

IBT provides a wide array of anti-filovirus specific antibodies, recombinant proteins, and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

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