

Monoclonal Anti-Shiga Toxin 2 Subunit B, Clone 2D2-E8 (immunoglobulin G, mouse)

Catalog No. NR-10182

This reagent is the tangible property of the U.S. Government.

Product Description: Antibody Class: IgG

Mouse monoclonal antibody prepared against the B subunit of Shiga-like toxin 2 from *Escherichia coli* (*E. coli*) was purified from mouse ascites by protein G affinity chromatography.

Lot: 58209698

Manufacturing Date: 15SEP2008

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless	Clear and colorless
SDS-PAGE (SYPRO Orange densitometer scan)	Dominant band ~ 150 kDa > 95% pure	Dominant band ~ 150 kDa > 95% pure ¹ (Figure 1)
Concentration by Bicinchoninic Acid Protein Assay	1 mg/mL ± 5%	1 mg/mL
Functional Activity ELISA titer Recombinant shiga toxin type 2 subunit B ² Shiga toxin type 2	Report results Report results	Reactivity greater than control (Figure 2A) Reactivity greater than control (Figure 2B)
Sterility	Filter sterilized (0.22 µM filter)	Filter sterilized (0.22 µM filter)

¹Lower mass band represents uncomplexed IgG heavy chain.

²BEI Resources NR-4677.

Figure 1

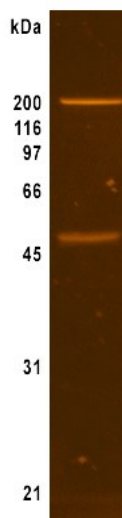
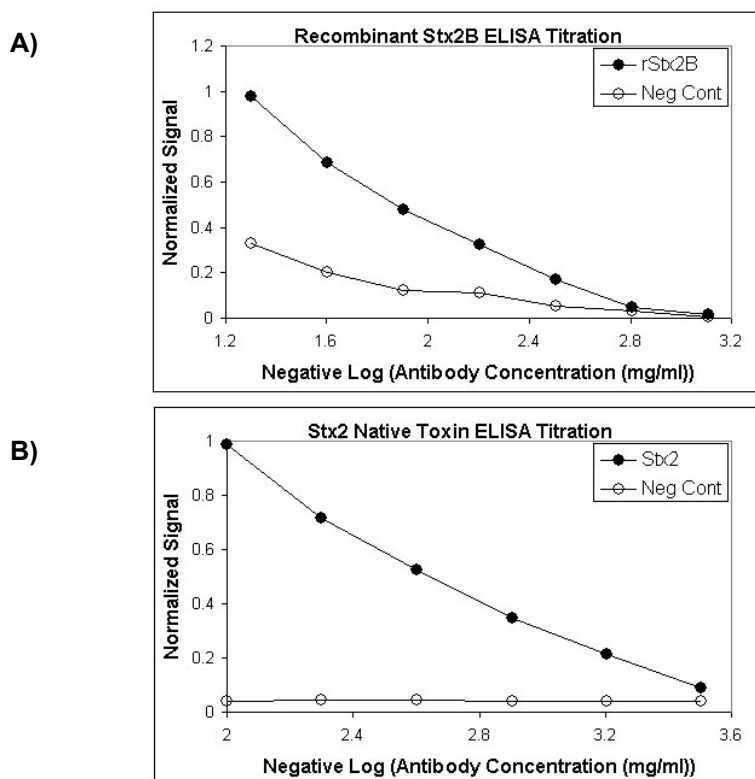


Figure 2



Date: 17 DEC 2008

Signature: Signature on File

Title: Technical Manager or designee, BEI Authentication

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