

Swine Testicular Cells, Chemically Inactivated Mock-Infected Cell Control

Catalog No. NR-593

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Product Description: Cell lysate and supernatant from mock-infected swine testicular (ST) cells. The suspension of cell lysate and supernatant was treated with binary ethyleneimine to simulate virus inactivation.

Lot: 4611343

Manufacturing Date: 25SEP2004

TEST	SPECIFICATIONS	RESULTS
Cell Culture Immunofluorescence Assay¹ on ST Cells	Report results	< 10 fluorescent focus units/mL
Antigen-Capture ELISA²	Report results	< 10
Sterility (48-hour incubation) Harpo's HTYE broth ³ , 37°C and 26°C, aerobic Trypticase soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic DMEM with 10% FBS, 37°C and 5% CO ₂	No growth No growth No growth No growth No growth No growth No growth	Growth Growth No growth Growth No growth No growth No growth
Mycoplasma Contamination Agar and broth culture (14-day incubation at 37°C) DNA Detection by PCR of Test Article nucleic acid	None detected None detected	Not done Non detected

¹Welch, S. K. and L. J. Saif. "Monoclonal Antibodies to a Virulent Strain of Transmissible Gastroenteritis Virus: Comparison of Reactivity with Virulent and Attenuated Virus." *Arch. Virol.* 101 (1988): 221-235. PubMed: 2845894.

²Titer is expressed as the reciprocal of the highest dilution that resulted in a mean absorbance greater than the mean absorbance of the mock-infected control plus three standard deviations.

³Atlas, Ronald M. *Handbook of Microbiological Media*. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

Date: 26 JAN 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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