

## Pichinde Virus, CoAn-3739

### Catalog No. NR-10177

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**Product Description:** Cell lysate and supernatant from African green monkey kidney [VERO C1008 (E6)] cells<sup>1</sup> infected with Pichinde virus, CoAn-3739.

**Lot<sup>2</sup>: 58232457**

**Manufacturing Date: 18AUG2007**

TEST	SPECIFICATIONS	RESULTS
<b>Identification by Infectivity in VERO C1008 (E6) Cells Using RT-PCR<sup>1,3</sup></b>	Report results	Infectious; no cytopathic effect
<b>Sequencing of Pichinde Virus S Segment Gene</b>	Consistent with Pichinde virus	Consistent with Pichinde virus
<b>Titer by TCID<sub>50</sub> Assay in VERO C1008 (E6) Cells Using RT-PCR<sup>1,3</sup></b>	Report results	1.6 x 10 <sup>7</sup> TCID <sub>50</sub> /mL
<b>Functional Activity by RT-PCR Assay</b>	~ 320 bp amplicon	~ 320 bp amplicon
<b>Sterility (BacT/ALERT<sup>®</sup> 3D Microbial Detection System)</b> 14-day incubation of NR-10177: i NST culture bottle, 32°C, anaerobic i AST culture bottle, 32°C, aerobic	No growth No growth	No growth No growth
<b>Mycoplasma Contamination</b> Agar and broth culture (14-day incubation at 37°C) DNA Detection by PCR of Test Article nucleic acid	None detected None detected	None detected None detected

<sup>1</sup>VERO C1008 (E6) cells: ATCC<sup>®</sup> CRL-1586<sup>™</sup>; also available as BEI Resources NR-596

<sup>2</sup>Pichinde virus, CoAn-3739 was deposited by Professor Charles H. Calisher of the Colorado State University, Fort Collins, Colorado. NR-10177 was grown from deposited virus seed in Minimum Essential Medium containing Earle's salts and non-essential amino acids (Invitrogen<sup>™</sup> 10370-021) supplemented with 2% irradiated fetal bovine serum (Cambrex<sup>®</sup> 14-471F), 2 mM L-glutamine (Invitrogen<sup>™</sup> 25030-081), and 1 mM sodium pyruvate (Invitrogen<sup>™</sup> 11360-070) for 14 days at 37°C and 5% CO<sub>2</sub>.

<sup>3</sup>RNA used for RT-PCR was extracted from infected VERO C1008 (E6) cell lysate and supernatant after 14 days incubation at 37°C and 5% CO<sub>2</sub>.

**Date:** 15 JAN 2009

**Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication or designee

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