**Description**

**Strain:** NADL-2  
**Classification:** Parvoviridae, Parvovirus, Porcine parvovirus  
**Original Source:** Porcine leukocytes from blood samples collected at an abattoir  
**Depositor:** WL Mengeling

**Batch-Specific Information**

Refer to the Certificate of Analysis for batch-specific test results.

**Propagation**

**Propagation Host:**  
ST (ATCC® CRL-1746™)  
**Effect on Host:**  
CPE, nuclear inclusions and degeneration

**Medium:**  
EMEM (ATCC® 30-2003™) + 10% FBS (ATCC® 30-2020™)

**Growth Conditions**

**Temperature** 37°C

**Recommendations for Infection:** This product is produced by co-cultivation of virus with fresh host cells. Prepare a bulk cell suspension the day of inoculation. Seed culture vessels at 30-50% confluency. Calculate the volume of virus needed to achieve an optimal MOI (e.g. 1:100 dilution) and then dilute virus in virus growth medium to prepare the virus inoculum. Add virus inoculum to culture vessels. Incubate for 24 hours at 37°C in a humidified 5% CO₂ atmosphere. Aspirate virus growth medium to remove any traces of DMSO and then add fresh virus growth medium to cultures. Continue incubation.  
**Incubation:** 3 -5 days

**Comments**

Virus must be freeze-thawed 3 times before inoculating and/or passing with fresh cells. CPE most pronounced when cells are exposed to the virus just before or after subculturing.

**References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

**Key Abbreviations**

°C, degrees Celsius  
CO₂ (CO2), carbon dioxide  
CPE, cytopathic effect  
EMEM, Eagle's Minimum Essential Medium  
FBS, fetal bovine serum  
ST, porcine fetal testis cells

**Biosafety Level: 2**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

**ATCC Warranty**

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.
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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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