

***Encephalitozoon cuniculi*, CDC:V282**

**Catalog No. NR-9703**  
 (Derived from ATCC® 50602™)

**Product Description:** *Encephalitozoon cuniculi* (*E. cuniculi*) is an obligate, amitochondriate intracellular parasite that has been identified as an opportunistic pathogen of immunocompromised humans, especially AIDS patients. Currently, a number of isolates of *E. cuniculi* originating from different human specimens, including urine, bronchoalveolar lavage, sputum and brain, have been established in culture.

**Lot<sup>1</sup>: 58124288**

**Manufacturing Date: 25APR2008**

TEST	SPECIFICATIONS	RESULTS
<b>Viable Cell Count by Hemacytometry (pre-freeze)</b>	> 10 <sup>6</sup> cells/mL	2.2 x 10 <sup>8</sup> cells/ml
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth
<b>Sterility (21-day incubation)</b> Harpo's HTYE broth <sup>7</sup> , 37°C and 26°C, aerobic Trypticase soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Brain heart infusion, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic	No growth No growth No growth No growth No growth No growth No growth	No growth No growth No growth No growth No growth No growth No growth
<b>Mycoplasma Contamination</b> DNA Detection by PCR	None detected	None detected

<sup>1</sup>NR-9703 was produced by cultivation of ATCC® 50602™ (Lot: 3852644) in African green monkey kidney epithelial cells, (ATCC® CCL-26™) and Eagle's Minimum Essential Medium (EMEM) with 3% heat-inactivated fetal bovine serum. The culture was propagated in 95% air, 5% CO<sub>2</sub> for 14 days at 37°C, until lysis of the host cell monolayer was reached.

<sup>2</sup>Incubated under cultivation conditions for 2 days.

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

**Date:** 06 OCT 2008

**Signature:** Signature on File

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

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