

***Encephalitozoon cuniculi*, Strain Type 2**

**Catalog No. NR-20773**

NR-20773 is contaminated with *Mycoplasma* sp. Please determine whether or not this product is acceptable for your intended use.

**Product Description:** *Encephalitozoon cuniculi* (*E. cuniculi*), strain type 2 was derived from a laboratory mouse circa 1972.

**Lot<sup>1</sup>: 59564369**

**Manufacturing Date: 01JUN2011**

TEST	SPECIFICATIONS	RESULTS
<b>Genotyping</b> Sequencing of 18S rRNA gene (~ 1070 bp)	Consistent with <i>E. cuniculi</i>	Consistent with <i>E. cuniculi</i>
<b>Viable Cell Count by Hemacytometry (pre-freeze)</b>	> 10 <sup>6</sup> cells/mL	2.6 x 10 <sup>7</sup> cells/mL
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth
<b>Sterility (21-day incubation)</b> Harpo's HTYE broth <sup>3</sup> , 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 <sub>2</sub>	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	Contaminated with <i>Mycoplasma</i> sp.

<sup>1</sup>NR-20773 was produced by cultivation of the deposited material in rabbit kidney epithelial cells (ATCC<sup>®</sup> CCL-37™) with cell cultivation medium for parasites (ATCC medium 30-2003; adjusted to contain 10% heat-inactivated fetal bovine serum). The culture was propagated in 95% air, 5% CO<sub>2</sub> for 12 days at 37°C, until lysis of the host cell monolayer was reached.

<sup>2</sup>Viable cells and signs of infection were seen after 16 days under cultivation conditions at 37°C.

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

**Date:** 26 MAR 2012

**Signature:**



**Title:**

Technical Manager, BEI Authentication or designee

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