

Encephalitozoon hellem, CDC:0291:V213

Catalog No. NR-9701

Product Description: *Encephalitozoon hellem* (*E. hellem*), CDC:0291:V213 was derived from the urine of an adult human male AIDS patient, Georgia, 1991.

Lot¹: 59066416

Manufacturing Date: 01MAR2010

TEST	SPECIFICATIONS	RESULTS
Genotyping Sequencing of 18S rRNA gene (~ 1050 bp)	Consistent with <i>E. hellem</i>	Consistent with <i>E. hellem</i>
Viable Cell Count by Hemacytometry (pre-freeze)	> 10 ⁶ cells/mL	5.9 x 10 ⁷ cells/mL
Viability (post-freeze)²	Growth	Growth
Sterility (21-day 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	No growth No growth No growth No growth No growth No growth No growth
Mycoplasma Contamination DNA Detection by PCR	None detected	None detected

¹NR-9701 was produced by cultivation of ATCC[®] 50451[™] (Lot: 58481111) in human lung fibroblast cells (ATCC[®] CCL-75[™]) 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% CO₂ for 13 days at 37°C, until lysis of the host cell monolayer was reached.

²Viable cells and signs of infection were seen after 11 days under cultivation conditions at 37°C.

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

Date: 12 APR 2011

Signature:



Title: Technical Manager, BEI Authentication or designee

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