

***Toxoplasma gondii*, ME49 (B7 clone)**

**Catalog No. NR-225**

(Derived from ATCC® 50840™)

**Product Description:** *Toxoplasma gondii*, ME49 (originally isolated from a sheep in California and available as BEI Resources NR-362) was passed singly through a cat to obtain a line that was capable of producing oocysts, and then further cloned by limiting dilution to produce the B7 clone.

**Lot<sup>1</sup>: 3919528**

**Manufacturing Date: 08MAR2007**

TEST	SPECIFICATIONS	RESULTS
<b>Viable Cell Count by Hemacytometry (pre-freeze)</b>	> 10 <sup>6</sup> cells/mL	6.5 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

<sup>1</sup>NR-225 was produced by cultivation of ATCC® 50840™ (Lot: 1872563) in human foreskin fibroblast cells (ATCC® CRL-1634™) with cell cultivation medium for parasites ([ATCC medium 2222](#); modified to contain 3% heat-inactivated fetal bovine serum). The culture was propagated in 95% air, 5% CO<sub>2</sub> for 7 days at 37°C, until peak density was reached.

<sup>2</sup>Incubated under cultivation conditions for 1 to 2 weeks 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:** 09 OCT 2009

**Signature:** Signature on File

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

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

