

***Toxoplasma gondii*, RH-GFP 5 S65T**

**Catalog No. NR-743**

(Derived from ATCC® 50940™)

**Product Description:** *Toxoplasma gondii* is a protozoan parasite member of the phylum *Apicomplexa* and an obligate intracellular pathogen that is the causal agent of toxoplasmosis.

**Lot<sup>1</sup>: 4248479**

**Manufacturing Date: 31MAY2006**

TEST	SPECIFICATIONS	RESULTS
<b>Viable Cell Count by Hemacytometry (pre-freeze)</b>	> 10 <sup>6</sup> cells/mL	1.6 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

<sup>1</sup>NR-743 was produced by cultivation of ATCC® 50940™ (Lot: 7537770) in human foreskin fibroblast cells (ATCC® CRL-1634™) with cell cultivation medium for parasites ([ATCC medium 2222](#); adjusted to contain 3% heat-inactivated fetal bovine serum). The culture was propagated in 95% air, 5% CO<sub>2</sub> for 15 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:** 13 OCT 2009

**Signature:** Signature on File

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

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