

***Toxoplasma gondii*, TS-4**

Catalog No. NR-359

(Derived from ATCC® 40050™)

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.

Lot¹: 3919539

Manufacturing Date: 10JAN2005

TEST	SPECIFICATIONS	RESULTS
Viable Cell Count by Hemacytometry (pre-freeze)	> 10 ⁶ cells/mL	4.0 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

¹NR-359 was produced by cultivation of ATCC® 40050™ (Lot: 1576808) 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% CO₂ for 8 days at 35°C, until peak density was reached.

²Incubated under cultivation conditions for 1 to 2 weeks at 35°C.

³Atlas, 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

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