

Entamoeba histolytica HB-301:NIH CL-1-3

Catalog No. NR-2594
 (Derived from ATCC® 50547™)

Product Description: *Entamoeba histolytica* is a pathogenic protozoan parasite that predominantly infects humans and other primates. *Entamoeba histolytica* results in an asymptomatic carrier state in most individuals, but can cause diseases ranging from chronic, mild diarrhea to fulminant dysentery.

Lot¹: 5078408

Manufacturing Date: 23MAY2006

TEST	SPECIFICATIONS	RESULTS
Viable Cell Count by Hemacytometry (pre-freeze)	> 10 ⁵ cells/mL	> 10 ⁵ 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-2594 was produced by inoculation of ATCC® 50547™ into LYI *Entamoeba* Medium (LEM; [ATCC medium 2154](#)). The culture was incubated in an axenic and microaerophilic environment for 4 days at 37°C, until peak density was reached.

²Incubated under propagation conditions for 1 day at 37°C in an axenic and microaerophilic environment.

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

Date: 15 OCT 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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