

***Entamoeba histolytica* HB-301:NIH CL-1-2**

**Catalog No NR-2593**  
 (Derived from ATCC® 50546™)

**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. *Entamoeba histolytica* HB-301:NIH CL-1-2 is a monoxenic, di-protist culture.

**Lot<sup>1</sup>: 5078407**

**Manufacturing Date: 07DEC2006**

TEST	SPECIFICATIONS	RESULTS
<b>Viable Cell Count by Hemacytometry (pre-freeze)</b>	> 10 <sup>5</sup> cells/mL	> 10 <sup>5</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-2593 was produced by inoculation of ATCC® 50546™ into LYI *Entamoeba* Medium (LEM; [ATCC medium 2154](#).) with *Crithidia fasciculata* (ATCC® 50083™). The culture was incubated in a monoxenic and microaerophilic environment for 3 days at 37°C, until peak density was reached.

<sup>2</sup>Incubated under propagation conditions for 2 days at 37°C in a monoxenic and microaerophilic environment.

<sup>3</sup>Atlas, 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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