

***Entamoeba histolytica* HU-21:AMC**

Catalog No. NR-2589
(Derived from ATCC® 30457™)

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: 7651910

Manufacturing Date: 16OCT2006

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 No growth No growth

¹NR-2589 was produced by inoculation of ATCC® 30457™ into LYI *Entamoeba* Medium [LEM; [ATCC medium 2463](#); or equivalent ([ATCC medium 2154](#); modified with an additional 5% heat-inactivated bovine serum may also be used)]. The culture was incubated in an axenic and microaerophilic environment for 3 days at 37°C, until peak density was reached.

²Incubated under propagation conditions for 3 days 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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