

***Entamoeba histolytica* HM-1:IMSS**

Catalog No. NR-178

(Derived from ATCC® 30459™)

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: 3779441

Manufacturing Date: 07JUL2004

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-178 was produced by inoculation of ATCC® 30459™ 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 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: 08 OCT 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

