

***Entamoeba histolytica*, Strain IP:1182:2 (xenic)**

Catalog No. NR-20088

Product Description: *Entamoeba histolytica* (*E. histolytica*), strain IP:1182:2 was isolated in 1982 from a sigmoidoscopy of an adult male Caucasian Canadian with amoebic dysentery following a brief visit to Honduras.

Lot¹: 60240101

Manufacturing Date: 25AUG2011

TEST	SPECIFICATIONS	RESULTS
Genotypic Analysis Sequencing of 18S rRNA gene (1330 bp)	Consistent with <i>E. histolytica</i>	Consistent with <i>E. histolytica</i> ²
PCR Assay of Extracted DNA 18S rRNA gene	~ 1800 bp amplicon	~ 1800 bp amplicon
Viable Cell Count by Hemacytometry (pre-freeze)	> 10 ⁵ cells/mL	1.8 x 10 ⁶ cells/mL
Viability (post-freeze)³	Growth	Growth

¹NR-20088 was produced by inoculation of the deposited material into TYSGM-9 medium supplemented with 5% heat-inactivated adult bovine serum (HIBS) and 1,000 I.U./mL penicillin and 1,000 µg/mL streptomycin to control bacterial density. The culture was incubated in a xenic and microaerophilic environment for 6 days at 37°C, until peak density was reached.

²Also consistent with other *Entamoeba* species

³Incubated under propagation conditions for 3 days at 35°C in a xenic and microaerophilic environment

Date: 26 MAR 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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