

***Leishmania venezuelensis*, Strain MHOM/VE/80/H-16**

Catalog No. NR-29184

Product Description: *Leishmania venezuelensis* (*L. venezuelensis*), strain MHOM/VE/80/H-16 was isolated in 1980 from the skin ulcer of a human patient with cutaneous leishmaniasis in Venezuela.

Lot¹: 60240098

Manufacturing Date: 19OCT2012

TEST	SPECIFICATIONS	RESULTS
Genotyping Sequencing of 18S ribosomal RNA gene and internal transcribed spacer (ITS) 1 (~ 2100 base pairs) Sequencing of ITS 1, 5.8S ribosomal RNA gene, ITS 2 (~ 900 base pairs)	Consistent with <i>Leishmania</i> species Consistent with <i>L. mexicana</i> species complex	Consistent with <i>Leishmania</i> species Consistent with <i>L. mexicana</i> species complex
Functional Activity by PCR Amplification 18S ribosomal RNA gene ITS 1, 5.8S ribosomal RNA gene, ITS 2	~ 2500 base pair amplicon ~ 1200 base pair amplicon	~ 2500 base pair amplicon ~ 1200 base pair amplicon
Viable Cell Count by Hemacytometry (pre-freeze)	> 10 ⁶ cells/mL	1.9 x 10 ⁸ 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 Brain heart infusion, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic	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-29184 was produced by cultivation of the deposited. After several low growth passages, the culture was propagated in Modified M199 medium supplemented with hemin for 5 days at 25°C in a 5% CO₂ atmosphere to produce this lot.

²Viable cells were observed after 1 day under cultivation conditions.

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

Date: 11 FEB 2013

Signature:



Title:

Technical Manager, BEI Authentication or designee

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