

## **Certificate of Analysis for HM-625**

## Klebsiella oxytoca, Strain MIT 10-5244

Catalog No. HM-625

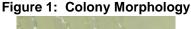
Product Description: Klebsiella oxytoca (K. oxytoca), strain MIT 10-5244 was isolated from human feces in Kansas, USA.

Lot<sup>1,2</sup>: 70013891 Manufacturing Date: 30MAR2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rod	Gram-negative rod
Colony morphology <sup>3</sup>	Report results	Circular, convex, entire, smooth and cream (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (1470 base pairs)	≥ 99% sequence identity to  K. oxytoca, strain MIT 10-5244  (GenBank: AGDK01000008.1)	99.6% sequence identity to  K. oxytoca, strain MIT 10-5244 (GenBank: AGDK01000008.1)
Purity (post-freeze) <sup>4</sup>	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze) <sup>3</sup>	Growth	Growth

<sup>&</sup>lt;sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

<sup>&</sup>lt;sup>4</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.





16 MAY 2018

Program Manager or designee, ATCC Federal Solutions

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<sup>&</sup>lt;sup>2</sup>K. oxytoca, strain MIT 10-5244 (also referred to as 10-5244) was deposited by Professor James G. Fox, DVM, DACLAM, Division of Comparative Medicine, Massachusetts Institute of Technology, Cambridge, Massachusetts, USA. HM-625 lot 70013891 was produced by the inoculation of BEI Resources HMS-625 lot 59976234 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles which were grown 1 day at 37°C in an aerobic atmosphere to produce this lot.

<sup>31</sup> day at 37°C in an aerobic atmosphere on Tryptic Soy agar