

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

<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>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>3</sup>1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar

<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.

**Figure 1: Colony Morphology**



16 MAY 2018

Program Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by ATCC® 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.



**BEI Resources**  
[www.beiresources.org](http://www.beiresources.org)

E-mail: [contact@beiresources.org](mailto:contact@beiresources.org)  
 Tel: 800-359-7370  
 Fax: 703-365-2898