

***Klebsiella oxytoca*, Strain MIT 10-5245**

**Catalog No. HM-626**

**Product Description:**

*Klebsiella oxytoca* (*K. oxytoca*), strain MIT 10-5245 was isolated from human urine in Kansas, USA and is resistant to ampicillin. HM-626 lot 70056674 was produced by the inoculation of BEI Resources seed lot 59976235 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: 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.

**Lot: 70056674**

**Manufacturing Date: 18NOV2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount)	Gram-negative rods Report results  Report results	Gram-negative rods Circular, convex, entire, smooth and cream  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1510 base pairs)	≥ 99% sequence identity to <i>K. oxytoca</i> Strain MIT 10-5245 (GenBank: AGDL01000035.1)	99.3% sequence identity to <i>K. oxytoca</i> Strain MIT 10-5245 (GenBank: AGDL01000035.1)
<b>Purity (post-freeze)</b> 7 days at 37°C in an aerobic atmosphere with and without 5% CO <sub>2</sub> on Tryptic Soy agar	Consistent with expected colony morphology	Consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

/Sonia Bjorum Brower/

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Technical Manager or designee, ATCC Federal Solutions

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