Klebsiella oxytoca, Strain MIT 10-5249

Catalog No. HM-629

Product Description: Klebsiella oxytoca (K. oxytoca), strain MIT 10-5249 was isolated from human blood in Kansas, USA.

Lot\(^1,2\): 59884452   Manufacturing Date: 06MAY2011

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULTS</th>
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</thead>
<tbody>
<tr>
<td><strong>Phenotypic Analysis</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cellular morphology(^3)</td>
<td>Report results</td>
<td>Gram-negative rod</td>
</tr>
<tr>
<td>Colony morphology(^3)</td>
<td>Report results</td>
<td>Circular, peaked, smooth, entire and white</td>
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<td></td>
<td></td>
<td>(Figure 1)</td>
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<tr>
<td><strong>Genotypic Analysis</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)</td>
<td>≥ 99% identical to depositor’s sequence Consistent with K. oxytoca</td>
<td>≥ 99% identical to depositor’s sequence Consistent with K. oxytoca</td>
</tr>
<tr>
<td><strong>Viability (post-freeze)</strong>(^3)</td>
<td>Growth</td>
<td>Growth</td>
</tr>
</tbody>
</table>

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.

\(^1\)K. oxytoca, strain MIT 10-5249 (also referred to as 10-5249) was deposited by Professor James G. Fox, DVM, DACLAM, Division of Comparative Medicine, Massachusetts Institute of Technology, Cambridge, Massachusetts, USA. HM-629 was produced by inoculation of the deposited material into Tryptic Soy Broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Kolles which were grown 24 hours at 37°C to produce this lot.

\(^2\)24 hours at 37°C in an aerobic atmosphere on Tryptic Soy Agar

![Figure 1](image)

**Date:** 13 FEB 2013

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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