

***Klebsiella pneumoniae*, Strain KP-7**

Catalog No. NR-44351

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Product Description: *Klebsiella pneumoniae* (*K. pneumoniae*), strain KP-7 was isolated in 2004 from stool of a patient with gastrointestinal tract colonization in Ohio, USA.

Lot¹: 70018991

Manufacturing Date: 26SEP2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility VITEK [®] MS (MALDI-TOF)	Gram-negative rods Report results Report results <i>K. pneumoniae</i>	Gram-negative rods Circular, low convex, entire, smooth and cream (Figure 1) Non-motile <i>K. pneumoniae</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1020 base pairs)	≥ 99% sequence identity to <i>K. pneumoniae</i> , strain KP-7 (GenBank: AQQD01000192.1)	99.5% sequence identity to <i>K. pneumoniae</i> , strain KP-7 (GenBank: AQQD01000192.1) ³
Purity (post-freeze)^{4,5}	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹NR-44351 was produced by inoculation of BEI Resources NRS-44351 lot 62849198 into Nutrient broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot.

²1 day at 37°C in an aerobic atmosphere on Nutrient agar

³Also consistent with other *Klebsiella* species

⁴Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Nutrient agar.

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere on Nutrient agar.

Figure 1: Colony Morphology



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26 NOV 2018

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