

***Klebsiella pneumoniae*, Strain UHKPC32**

**Catalog No. NR-44353**

**Product Description:**

*Klebsiella pneumoniae* (*K. pneumoniae*), strain UHKPC32 was isolated in 2008 from urine of a patient with asymptomatic bacteriuria or urinary tract colonization in Cleveland, Ohio, USA. NR-44353 was produced by inoculation of the BEI Resources seed lot 62849213 into Nutrient broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolle, which was grown for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

**Lot: 70063253**

**Manufacturing Date: 07SEP2023**

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TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-negative rods Report results  Report results <i>K. pneumoniae</i>	Gram-negative rods Circular, convex, entire, mucoid, smooth and cream (Figure 1) Non-motile <i>K. pneumoniae</i> (99.9%)
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% sequence identity to <i>K. pneumoniae</i> , strain UHKPC32 (GenBank: ARPQ01000004.1)	≥ 99.4% sequence identity to <i>K. pneumoniae</i> , strain UHKPC32 (GenBank: ARPQ01000004.1) <sup>1</sup>
<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 with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

<sup>1</sup>Also consistent with other *Klebsiella* species

**Figure 1: Colony Morphology**



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