

***Klebsiella pneumoniae*, Strain BIDMC 2A**

Catalog No. NR-41916

Product Description: *Klebsiella pneumoniae* (*K. pneumoniae*), strain BIDMC 2A was isolated in 2010 from a blood culture in Boston, Massachusetts, USA.

Lot¹: 70018992

Manufacturing Date: 19SEP2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies ^{2,3} Motility (wet mount) VITEK [®] MS (MALDI-TOF)	Gram-negative bacilli Report results Report results <i>K. pneumoniae</i>	Gram-negative bacilli Circular, low convex, entire, smooth and cream (Figure 1) Non-motile <i>K. pneumoniae</i> (99%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% sequence identity to <i>K. pneumoniae</i> , strain BIDMC 2A (GenBank: X81660)	99.5% sequence identity to <i>K. pneumoniae</i> , strain BIDMC 2A (GenBank: X81660) ³
Purity (post-freeze)^{4,5}	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹NR-41916 was produced by inoculation of BEI Resources NRS-41916 lot 62907101 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 organisms

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

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

Figure 1: Colony Morphology



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