

## **Certificate of Analysis for NR-44358**

## Klebsiella pneumoniae, Strain VAKPC278

## Catalog No. NR-44358

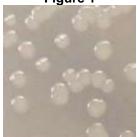
**Product Description:** *Klebsiella pneumoniae* (*K. pneumoniae*), strain VAKPC278 was isolated in 2011 from pancreatic fluid of a patient with severe necrotizing pancreatitis in Cleveland, Ohio, USA

Lot<sup>1</sup>: 62849219 Manufacturing Date: 14AUG2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative bacilli	Gram-negative bacilli
Colony morphology <sup>2</sup>	Report results	Circular, slight peaked, entire, smooth, translucent and cream (Figure 1)
Motility (wet mount)	Report results	Non-motile
VITEK® MS (MALDI-TOF)	Consistent with K. pneumoniae	Consistent with K. pneumoniae
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1330 base pairs)	Consistent with K. pneumoniae	Consistent with K. pneumoniae
Riboprinter® Microbial Characterization System	Consistent with K. pneumoniae	Consistent with K. pneumoniae
Purity (post-freeze) <sup>3</sup>	Consistent with K. pneumoniae	Consistent with K. pneumoniae
Viability (post-freeze) <sup>2</sup>	Growth	Growth

<sup>&</sup>lt;sup>1</sup>K. pneumoniae, strain VAKPC278 was deposited by Robert A. Bonomo, M.D., Chief of Medical Services, Louis Stokes Cleveland VA Medical Center, Cleveland, Ohio, USA. NR-44358 was produced by inoculation of the deposited material into Nutrient broth and incubated for 28 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles which were grown 19 hours at 37°C in an aerobic atmosphere to produce this lot.

Figure 1



**Date:** 09 DEC 2014

Signature:

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

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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BEI Resources www.beiresources.org E-mail: contact@beiresources.org
Tel: 800-359-7370

Fax: 703-365-2898

<sup>&</sup>lt;sup>2</sup>22 hours at 37°C in an aerobic atmosphere on Nutrient agar

<sup>&</sup>lt;sup>3</sup>Purity of this lot was assessed for 8 days at 37°C in an aerobic atmosphere on Nutrient agar.