

***Klebsiella pneumoniae*, Strain UHKPC48**

Catalog No. NR-44355

Product Description: *Klebsiella pneumoniae* (*K. pneumoniae*), strain UHKPC48 was isolated in 2008 from urine of a patient with asymptomatic bacteriuria or urinary tract colonization in Cleveland, Ohio, USA.

Lot¹: 62849223

Manufacturing Date: 20AUG2014

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 Consistent with <i>K. pneumoniae</i>	Gram-negative bacilli Colony type 1: Circular, convex, entire, smooth, mucoid and gray (Figure 1) Colony type 2: Irregular, low convex, entire, smooth, mucoid and gray (Figure 1) Non-motile Consistent with <i>K. pneumoniae</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 890 base pairs) ³ Riboprinter [®] Microbial Characterization System	Consistent with <i>K. pneumoniae</i> Consistent with <i>K. pneumoniae</i>	Consistent with <i>K. pneumoniae</i> Consistent with <i>K. pneumoniae</i>
Purity (post-freeze)⁴	Consistent with <i>K. pneumoniae</i>	Consistent with <i>K. pneumoniae</i>
Viability (post-freeze)²	Growth	Growth

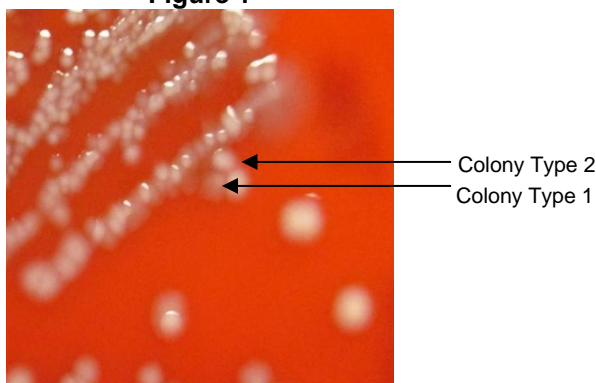
¹*K. pneumoniae*, strain UHKPC48 was deposited by Robert A. Bonomo, M.D., Chief of Medical Services, Louis Stokes Cleveland VA Medical Center, Cleveland, Ohio, USA. NR-44355 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 24 hours at 37°C in an aerobic atmosphere to produce this lot.

²24 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

³Two colony types were observed. Plating of the individual colony types showed that they did not revert to a single colony type. The 16S ribosomal RNA gene of each colony type was sequenced and found to be consistent with the other colony type and with *K. pneumoniae*.

⁴Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1



Certificate of Analysis for NR-44355

Date: 16 APR 2015

Signature: 

BEI Resources Authentication

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