**Klebsiella pneumoniae, Strain 868968**

**Catalog No. NR-56624**

For research use only. Not for use in humans.

**Contributor and Manufacturer:**
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**Product Description:**
Bacteria Classification: Enterobacteriaceae, Klebsiella
Species: Klebsiella pneumoniae
Strain: 868968
Original Source: Klebsiella pneumoniae (K. pneumoniae), strain 868968 was isolated in 2012 from a urine sample of a 65-year-old male in Belgium.1
Comments: K. pneumoniae, strain 868968 was deposited as part of the Global Priority Superbugs Collection. NR-56624 was deposited as resistant to aztreonam, cefepime, ceftazidime, ceftriaxone, cefpiroxolin, colistin, colistin/P80, doripenem, imipenem, levofloxacin, meropenem and piperacillin/tazobactam.

K. pneumoniae is a Gram-negative enterobacterium that is a major cause of nosocomial infections of the urinary and respiratory tracts. Due to the extensive spread of antibiotic-resistant strains, especially extended-spectrum β-lactamase (ESBL)-producing strains, there has been renewed interest in Klebsiella infections.2,3,4

**Material Provided:**
Each vial contains approximately 0.3 mL of bacterial culture in Tryptic Soy broth supplemented with 10% glycerol.

**Note:** If homogeneity is required for your intended use, please purify prior to initiating work.

**Packaging/Storage:**
NR-56624 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

**Growth Conditions:**
Media:
Nutrient broth or Tryptic Soy broth or equivalent
Nutrient agar or Tryptic Soy agar or Tryptic Soy agar with 5% defibrinated sheep blood or equivalent
Incubation:
Temperature: 37°C
Atmosphere: Aerobic

**Propagation:**
1. Keep vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate at 37°C for 1 day.

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Klebsiella pneumoniae, Strain 868968, NR-56624.”

**Biosafety Level:** 2

**Disclaimers:**
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**References:**

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