**Klebsiella pneumoniae, Strain 926451**

**Catalog No. NR-56627**

For research use only. Not for use in humans.

**Contributor and Manufacturer:**
ATCC®

**Product Description:**

Bacteria Classification: Enterobacteriaceae, Klebsiella

Species: *Klebsiella pneumoniae*

Strain: 926451

Original Source: *Klebsiella pneumoniae* (*K. pneumoniae*), strain 926451 was isolated in 2013 from the sputum sample of a 74-year-old male in Thailand.¹

Comments: *K. pneumoniae*, strain 926451 was deposited as part of the Global Priority Superbugs Collection. NR-56627 was deposited as resistant to aztreonam, cefepime, ceftazidime, ceftazidime/avibactam, ceftriaxone, ciprofloxacin, 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 Nutrient broth or 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-56627 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:**

Acknowledgement for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: *Klebsiella pneumoniae*, Strain 926451, NR-56627.”

**Biosafety Level:** 2


**Disclaimers:**

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**References:**


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