**Klebsiella pneumoniae**, Strain 1147843

Catalog No. NR-56620

For research use only. Not for use in humans.

**Contributor and Manufacturer:**
ATCC®

**Product Description:**

Bacteria Classification: **Enterobacteriaceae, Klebsiella**  
Species: **Klebsiella pneumoniae**  
Strain: 1147843

Original Source: **Klebsiella pneumoniae (K. pneumoniae)**, strain 1147843 was isolated in 2014 from the urine sample of a 53-year-old female in the United States.  
Comments: *K. pneumoniae*, strain 1147843 was deposited as part of the Global Priority Superbugs Collection. NR-56620 was deposited as resistant to amoxicillin/clavulanate, aztreonam, cefepime, ceftazidime, ceftriaxone, ciprofloxacin, doripenem, imipenem, levofloxacin, meropenem, piperacillin/tazobactam and trimethoprim/sulfamethoxazole.

**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.

**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-56620 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 1147843, NR-56620."

**Biosafety Level:** 2


**Disclaimers:**

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**References:**

4. Incubate the tube, slant and/or plate at 37°C for 1 day.


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