**Klebsiella pneumoniae, Strain 1127122**

**Catalog No. NR-56619**

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:** 1127122  
**Original Source:** Klebsiella pneumoniae (K. pneumoniae), strain 1127122 was isolated in 2014 from a blood sample of a 50-year-old male in Romania.  
**Comments:** K. pneumoniae, strain 1127122 was deposited as part of the Global Priority Superbugs Collection. NR-56619 was deposited as resistant to aztreonam, cefepime, ceftazidime, ceftriaxone, 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.

**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-56619 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 1127122, NR-56619.”

**Biosafety Level:** 2  

**Disclaimers:**

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References:


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