**Klebsiella pneumoniae, Strain 1121740**

**Catalog No. NR-56618**

For research use only. Not for use in humans.

**Contributor and Manufacturer:**
ATCC®

**Product Description:**

**Bacteria Classification:** Enterobacteriaceae, Klebsiella

**Species:** Klebsiella pneumoniae

**Strain:** 1121740

**Original Source:** Klebsiella pneumoniae (K. pneumoniae), strain 1121740 was isolated in 2014 from a blood sample from a 49-year-old male in Russia as part of a global surveillance program.1

**Comments:** K. pneumoniae, strain 1121740 was deposited as part of the Global Priority Superbugs Collection. NR-56618 was deposited as resistant to amikacin, aztreonam, cefepime, ceftazidime, ceftazidime/avibactam, ceftioxone, 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 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-56618 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 1121740, NR-56618.”

**Biosafety Level:** 2


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**References:**


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