Klebsiella pneumoniae, Strain 1120661

Catalog No. NR-56617

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: 1120661

Original Source: Klebsiella pneumoniae (K. pneumoniae), strain 1120661 was isolated in 2014 from an abscess sample of a 49-year-old male in Turkey.¹

Comments: K. pneumoniae, strain 1120661 was deposited as part of the Global Priority Superbugs Collection. NR-56617 was deposited as resistant to amikacin, aztreonam, cefepime, ceftazidime, 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 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-56617 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 1120661, NR-56617.”

Biosafety Level: 2


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References:


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