**Klebsiella pneumoniae, Strain BIDMC 11**

Catalog No. NR-41927

For research use only. Not for human use.

**Contributor:**
Andrew B. Onderdonk, Director, Clinical Microbiology, Pathology, Brigham and Women’s Hospital, Boston, Massachusetts, USA

**Manufacturer:**
BEI Resources

**Product Description:**

*Species:* Klebsiella pneumoniae

*Strain:* BIDMC 11

*Original Source:* Klebsiella pneumoniae (K. pneumoniae), strain BIDMC 11 was isolated in 2008 from a peritoneal abscess in Boston, Massachusetts, USA.¹

*Comments:* The complete genome of K. pneumoniae, strain BIDMC 13 has been sequenced (GenBank: JCNF00000000).

*K. pneumoniae* is a Gram-negative enterobacterium that is a major cause of nosocomial infections of the urinary and respiratory tracts.² Due to the extensive spread of antibiotic-resistant strains, especially of extended-spectrum β-lactamase (ESBL)-producing strains, there has been renewed interest in Klebsiella infections.²

**Material Provided:**

Each vial contains approximately 0.5 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-41927 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:*

- Tryptic Soy broth or Nutrient broth or equivalent
- Tryptic Soy agar or Tryptic Soy agar with 5% defibrinated sheep blood or Nutrient agar or equivalent

*Incubation:*

- Temperature: 37°C
- Atmosphere: Aerobic with 5% CO₂

*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 24 hours.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Klebsiella pneumoniae, Strain BIDMC 11, NR-41927.

**Biosafety Level: 2**


**Disclaimers:**

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References:
1. Onderdonk, A. B., Personal Communication.

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