**Klebsiella pneumoniae**, Strain BIDMC 7B

**Catalog No. NR-41923**

For research use only. Not for use in humans.

**Contributor:**
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**Manufacturer:**
BEI Resources

**Product Description:**
- **Bacteria Classification:** Enterobacteriaceae, Klebsiella
- **Species:** Klebsiella pneumoniae
- **Strain:** BIDMC 7B
- **Original Source:** Klebsiella pneumoniae (K. pneumoniae), strain BIDMC 7B was isolated in 2012 from urine in Boston, Massachusetts, USA. ¹
- **Comments:** The complete genome of *K. pneumoniae*, strain BIDMC 7B has been sequenced (GenBank: JCN00000000).

*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 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-41923 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
- **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 BIDMC 7B, NR-41923.”

**Biosafety Level:**
2


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

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