**Klebsiella pneumoniae, Strain 160_1080**

**Catalog No. NR-44349**

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**For research use only. Not for human use.**

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

**Product Description:**

*Bacteria Classification:* Enterobacteriaceae, Klebsiella  
*Species:* Klebsiella pneumoniae  
*Strain:* 160_1080  
*Original Source:* Klebsiella pneumoniae (K. pneumoniae), strain 160_1080 was isolated in March 2012 from the blood of a patient with sepsis in Cleveland, Ohio, USA.¹  
*Comments:* K. pneumoniae, strain 160_1080 is part of the Genome Sequencing Centers for Infectious Diseases contract (GenBank: ARSN00000000).

*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-44349 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 24 hours.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Klebsiella pneumoniae, Strain 160_1080, NR-44349.”

**Biosafety Level: 2**


**Disclaimers:**

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**References:**


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