**Klebsiella pneumoniae, Strain 160_1080**

**Catalog No. NR-44349**
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**For research use only. Not for use in humans.**

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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 2012 from 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 1 day.

**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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