Designation: 1002565
Deposited Name: Klebsiella pneumoniae subsp. pneumoniae
Product Description: NDM-1 Reference Strain

Medium
ATCC® Medium 3: Nutrient agar or nutrient broth
ATCC® Medium 2901: Nutrient Medium + 25μg/ml Imipenem

Growth Conditions
Temperature: 37°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using a single tube of #3 broth, withdraw approximately 0.5 - 1 mL with a pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of this suspension to inoculate a #3 agar plate or slant.
5. Incubate the tubes and plate at 37°C for 24 hours.
6. Once growth occurs, use several colonies to inoculate a plate of #2901 agar. Only colonies carrying the NDM plasmid will grow, so pick several colonies for the transfer.
7. Incubate the plate at 37°C for 24 hours.
8. Once the culture has recovered, all future growth should be on #2901 agar or broth to prevent loss of the NDM plasmid.

Growth is initiated on #3 media, then switched to #2901 media with imipenem to prevent plasmid loss.

blaKPC negative by PCR.
blaNDM positive by PCR.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References and other information relating to this product are available online at www.atcc.org.

Biosafety Level: 2

Intended Use
This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain
If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Klebsiella pneumoniae subsp. pneumoniae (ATCC® BAA-2470™)

Notes
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Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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