ATCC

Product Sheet

Klebsiella pneumoniae subsp. pneumoniae (ATCC® BAA-2470™)

Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

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™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

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

Propagation

Medium
ATCC® Medium 3: Nutrient agar or nutrient broth
ATCC® Medium 2901: Nutrient Medium + 25ug/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.

Notes

bla_{KPC} negative by PCR.
bla_{NDM} positive by PCR.
Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References

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

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.

ATCC Warranty

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Disclaimers

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While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

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