Product Information Sheet for NR-51497

Kaistella daneshvariae, Strain H3001

Catalog No. NR-51497

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For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Flavobacteriaceae; Chryseobacterium*
Species: *Kaistella daneshvariae*
Strain: H3001 (also referred to as CCUG 73276, CP034158, CIP111694)[1,2]
Original Source: *Kaistella daneshvariae (K. daneshvariae)*, strain H3001 was isolated in 2004 from peritoneal cavity of a patient in New York, USA.[1,2]
Comments: *K. daneshvariae*, strain H3001 is the type strain of *K. daneshvariae*. The complete genome of *K. daneshvariae*, strain H3001 is available (GenBank: CP034158).

Kaistella are Gram-negative, aerobic, non-motile bacilli and a newly created genus following a recent taxonomic reorganization of the *Chryseobacterium* genus into four different genera, with *Epilithonimonas*, *Kaistella* and *Halpernia* gen. nov. While *Kaistella* have been isolated from both environmental and patient samples, the pathogenicity of *Kaistella* has not been determined.[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-51497 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:
Nutrient broth or Tryptic Soy broth or equivalent
Nutrient agar or Tryptic Soy agar or Tryptic Soy agar with 5% defibrinated sheep blood or equivalent
Incubation:
Temperature: 35°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 to 2 days.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: *Kaistella daneshvariae*, Strain H3001, NR-51497."

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Nicholson, A. C., Personal Communication.
2. Nicholson, A. C., et al. "Division of the Genus *Chryseobacterium:* Observation of Discontinuities in Amino Acid Identity Values, A Possible Consequence of Major Extinction Events, Guides Transfer of Nine Species to the Genus *Epilithonimonas*, Eleven Species to the Genus *Kaistella*, and Three Species to the Genus *Halpernia* gen. nov., with Description of *Kaistella Daneshvariae* sp. nov. and *Epilithonimonas Vandammei* sp. nov. Derived from Clinical Specimens." Int. J. Syst. Evol. Microbiol. (2020): doi: 10.1099/ijsem.0.003935. PubMed: 32735208.

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