Product Sheet

Candida kefyr  (ATCC® 4135™)

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
1

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: Candida kefyr  (ATCC® 4135™)

Description

Strain Designation: CBS 607 [ATCC 6264, ATCC 6265, ATCC 7348, CBS 1620, DBVPG 6161, JCM 3760,NCYC 6]
Deposited Name: Candida kefyr (Beijerinck) van Uden et Buckley
Product Description: An ampoule containing viable cells (may include spores and mycelia) suspended in cryoprotectant.

Propagation

The information recommended in this section is to assist users in obtaining living culture(s) for their studies. The recommendation does not imply that the conditions or procedures provided below are optimum. Experienced researchers may initiate the growth of a culture in their own way.

ATCC® Medium 200: YM agar or YM broth
ATCC® Medium 28: Emmons' modification of Sabouraud's agar
ATCC® Medium 1245: YEPD

Growth Conditions
Temperature: 24°C to 26°C
Atmosphere: Typical aerobic

Recommended Procedure

For freeze-dry (lyophilized) ampoules:
1. Open an ampoule according to enclosed instructions.
2. From a single test tube of sterile distilled water (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a sterile pipette and apply directly to the pellet. Stir to form a suspension.
3. Aseptically transfer the suspension back into the test tube of sterile distilled water.
4. Let the test tube sit at room temperature (25°C) undisturbed for at least 2 hours; longer (e.g., overnight) rehydration might increase viability of some fungi.
5. Mix the suspension well. Use several drops (or make dilutions if desired) to inoculate recommended solid or liquid medium. Include a control that receives no inoculum.
6. Incubate the inoculum at the propagation conditions recommended.
7. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 2-3 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Colony and Cell Morphology: On YM medium at 25°C after 6 days, colonies creamy white to dingy white, smooth to faintly wrinkled, raised, margin filamentous. Cells hyaline, smooth, ovoid to ellipsoidal, guttulate, 6-9 X 4.5 µm. Pseudohyphae abundant.

Notes

DNA Sequence

Additional, updated information on this product may be available on the ATCC® web site at www.atcc.org.

Isolation

Clinical bronchomycosis, Sri Lanka
Candida kefyr (ATCC® 4135™)

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Biosafety Level 1

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Disclaimers
This product is intended for laboratory research purposes only. It is not intended for use in humans.

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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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