



Candida albicans (Robin) Berkhout

CRM-10231™

Description

Lyophilized yeast cells in a vial

Notice: Live microbial certified reference materials (CRMs) will be discontinued at the end of 2026. The same strains previously offered as CRMs are now available in our precisely quantitated **MicroQuant™** format, providing a reliable alternative for your needs.

Strain designation: 3147 [CBS 6431, CCY 29-3-106, CIP 48.72, DSM 1386, IFO 1594, NCPF 3179, NCYC 1363, NIH 3147, VTT C-85161]

Deposited As: *Candida albicans* (Robin) Berkhout, anamorph

Type strain: No

Serotype: A

Storage Conditions

Product format: Freeze-dried

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

Certified Reference Material produced under an ISO 17034 accredited process.

BSL 2

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ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 200: YM agar or YM broth

ATCC Medium 28: Emmons' modification of Sabouraud's agar/broth

ATCC Medium 1245: YEPD

Temperature: 24-26°C

Atmosphere: Aerobic

Handling Procedures

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 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Notes

Certificates of Analysis are available electronically at www.atcc.org, or by hardcopy upon request.

Colonies are white to cream-colored, butyrous, with entire margins. Cells globose-ovoid-ellipsoid, reproducing by budding, usually also generating straight or branched chains of cells (sometimes elongate) ["pseudohyphae"]. On some media producing true septate hyphae and thick-walled globose-obovoid chlamydospores.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Candida albicans* (Robin) Berkhout (ATCC CRM-10231)

References

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

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