**Strain Designation:** CBS 562 [572, CCRC 20512, CECT 1002, DBVPG 6133, IFO 1385, IGC 3436, JCM 1542, NCYC 597, NRRL Y-12983]

**Deposited Name:** *Candida albicans* (Robin) Berkhour, anamorph

**Product Description:** An ampoule containing viable cells suspended in cryoprotectant.

**Growth Conditions**

**Temperature:** 25°C to 30°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 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

**Notes**

**Type strain.**

Adhesion to epithelial cells.

Induction of cell-mediated immunity against *Candida albicans*.

MIC of 2-hydroxychalcone, 75 mcg/mL.

**DNA Sequence**

18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 26S ribosomal RNA gene, partial sequence.

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GTTTCCGTAGGTGAAACCTGCAAGATACCTTGAATTTGCTTAATTGACCCATACGATGTTTTTCTTTGAAACAAACTTGCTTTGGCAGGGCCCAGCCCTGCGAGGCTCATTACCAAACTTATACTTCTGTGTTGCACTCAGTGAAGAAGGCCAGCGGATAGCCATGATGTTCTCCTCCGTCGACTGAGATGACTGATATTCGTGAATCATCGAATCTTTGACGCACATTGCGCCCTCGTATTCCCGAGGAGATGCTTTGAAAGACGGTAGTGGTAAGGCGGGATCGCTTTGACGATTGGCT TAGGTCTAACCAAAAACATTGCTTGCAGCGGTAACGTCCACCACGTATATCTTCAAACTTTGACCTCAAATCAGGTAGGACTACCCGCTGAACTTAAGCATATCAATAA
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D1D2 region of the 26S ribosomal RNA gene.

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ATATCCAAATAGCGTAAAGACGCAACAGGATTGGCTCCTAGTAGCGCGCGAAGTGAAAGCGCCAAAAGCTTCTGACCTTCGAGGCTCGATGTTGGAAATTTGGAATGATGATAGTCTTGGGCCGCTGCGGTTTACCGGGCCAGCATCGGTTTGGAGCGGCAGGAACCTTACAAATCCGACCTTCGTCTGACTGTGCTGGCTCTCCGTCGACTGAGATGACTGATATTCGTGAATCATCGAATCTTTGACGCACATTGCGCCCTCGTATTCCCGAGGAGATGCTTTGAAAGACGGTAGTGGTAAGGCGGGATCGCTTTGACGATTGGCT TAGGTCTAACCAAAAACATTGCTTGCAGCGGTAACGTCCACCACGTATATCTTCAAACTTTGACCTCAAATCAGGTAGGACTACCCGCTGAACTTAAGCATATCAATAA
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Or contact your local distributor

**Product Sheet**

**Candida albicans** (ATCC® 18804™)

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 albicans* (ATCC® 18804™)
TAATGGCGGAATGTGGCACGGCTTCTGCTGTGTGTTATAGCCTCTGACGATACTGCCAGCCTAGAC
CGAGGACTGCGGTTTTTACCTAGGATGTTGGCATAATGATCTTAAGTCGC

Human skin lesion of erosio interdigitalis, Uruguay

References

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

Biosafety Level: 1

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