Strain Designation: UC820
Deposited Name: Candida albicans
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: 25°C to 30°C
Atmosphere: Typical aerobic

**Recommended Procedure**

1. To thaw a frozen ampoule, place in a 25°C to 30°C water bath, until just thawed (approximately 5 minutes). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.
2. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer at least 50 µL (or 2-3 agar cubes) of the content onto a plate or broth with medium recommended.
3. Incubate the inoculum/strain at the temperature and conditions recommended. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1-3 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

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

**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 28/26S ribosomal RNA gene, partial sequence

AAGGATCATTACTGATTTGCTTAATTGCACCACATGTGTTTTTCTTTGAAACAAACTTGCTTTGGCGGTG
GGCCCAGCCTGCCGCCAGAGGTCTAAACTTACAACCAATTTTTTATCAACTTGTCACACCAGATTATTA
CTAATAGTCAAAACTTTCAACAACGGATCTCTTGGTTCTCGCATCGATGAAGAACGCAGCGAAATGCG
ATACGTAATATGAATTGCAGATATTCGTGAATCATCGAATCTTTGAACGCACATTGCGCCCTCTGGTATT
CCGGAGGGCATGCCTGTTTGAGCGTCGTTTCTCCCTCAAACCGCTGGGTTTGGTGTTGAGCAATACGAC
TTGGGTTTGCTTGAAAGACGGTAGTGGTAAGGCGGGATCGCTTTGACAATGGCTTAGGTCTAACCAAA
AACATTGCTTGCGGCGGTAACGTCACCACCTATATCCTCAAATTCTGCGTCGCCGAGTACCTGCTAACTGA
CCCGCTGAACTTAAAG

D1D2 region of the 28S ribosomal RNA gene

CATATCAATAGCGCGAGAAAAGAACAACAGGATTTGCCCTAGTGCGGCGGAGTGAAGCGCGCAA
AAGCTCAAAATTGAATCTGGCTTTCGCTGGCGGAGATTTGAAGAGATCTTTTGGGCCGCC
GCCTTTGTCTATTATGCTTGAGCACGAGCTCAAGGAGGTAGCATCGCCGCTGCAGATGCCGCGGGGATAGCATGCCG
GGCTGTGTAAGGTCTCTCGAGGCGAGTGCAGTTTTTGGGAGTACAGTCTAGTGAGTACGAAAGCGAA
CTTGGAAAAAGGAGATGTTAAAGGAGAAGGAGGTGGTGGAGATGAGTTAGGAAAGGAGTAGAG

Or contact your local distributor

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Email: Tech@atcc.org

Or contact your local distributor
Isolation

human, California, USA, 1967

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.

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