

**Candida albicans, Strain P94015**

**Catalog No. NR-29446**

**Product Description:** *Candida albicans* (*C. albicans*), strain P94015 is a bloodstream isolate from a person with a bloodstream infection collected in Utah, USA. Strain P94015 is a member of genetic clade I and has an **a/a** *MTL* genotype.

**Lot<sup>1</sup>: 60917582**

**Manufacturing Date: 08MAY2012**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology <sup>2</sup>	Report results	Globose to short-ovoid, usually single or budding, occasionally forming short chains (Figure 1A)
Colony morphology <sup>2</sup>	Report results	Cream-coloured, smooth, glistening, dome-shaped, often becoming wrinkled with a mycelia border (Figure 1B)
CHROMagar Candida Testing <sup>3</sup> Biochemical tests: Vitek 2 Systems Version: 05.01 (YST card)	Green colonies ( <i>C. albicans</i> ) Consistent with <i>C. albicans</i>	Green colonies ( <i>C. albicans</i> ) Consistent with <i>C. albicans</i>
<b>Genotypic Analysis</b> Sequencing of partial 18S rRNA gene, internal transcribed spacer (ITS) 1, 5.8S rRNA gene, ITS 2, partial 28S rRNA (~ 575 base pairs)	Consistent with <i>C. albicans</i>	Consistent with <i>C. albicans</i>
Sequencing of 26S rRNA gene (~ 585 base pairs)	Consistent with <i>C. albicans</i>	Consistent with <i>C. albicans</i>
<b>Purity (7 days)<sup>4</sup></b> Nutrient Broth with 0.1% Yeast Extract at 25°C Nutrient Broth with 0.1% Yeast Extract at 37°C	No bacterial growth No bacterial growth	No bacterial growth No bacterial growth
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

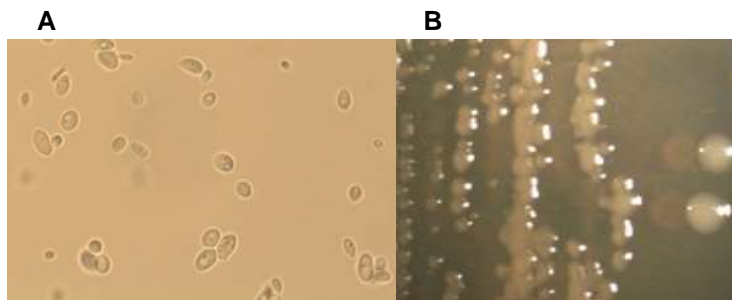
<sup>1</sup>The deposited material was inoculated into Yeast Mold (YM) broth and incubated for 4 days at 25°C and aerobic atmosphere to produce this lot.

<sup>2</sup>4 days at 25°C and aerobic atmosphere on YM agar

<sup>3</sup>CHROMagar displays high sensitivity and specificity for three of the major *Candida* species (Odds, F. C., and R. Bernarts. "CHROMagar Candida, a New Differential Isolation Medium for the Presumptive Identification of Clinically Important *Candida* species." *J. Clin. Microbiol.* 32 (1994): 1923-1929. PubMed: 7989544.)

<sup>4</sup>Clarity of broth was determined by visual inspection.

**Figure 1**



**Date:** 24 JAN 2013

**Signature:**



**Title:** Technical Manager, BEI Authentication or designee

ATCC<sup>®</sup>, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC<sup>®</sup>'s knowledge.

ATCC<sup>®</sup> is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

