

Candida albicans, Strain P94015

Catalog No. NR-29446

Product Description:

Candida albicans (*C. albicans*), strain P94015 was isolated from the bloodstream of a human with a bloodstream infection in Utah, USA. Strain P94015 is a member of genetic clade I and has an **al/a** MTL genotype. NR-29446 was produced by inoculation of BEI Resources seed lot 60917594 into Yeast Mold agar, which was grown for 3 days at 25°C in an aerobic atmosphere. The agar growth was harvested with 20% glycerol to produce this lot.

Lot: 70061173

Manufacturing Date: 16JUN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 3 days at 25°C in an aerobic atmosphere on Yeast Mold agar Colony morphology VITEK® 2 (YST card) VITEK® MS (MALDI-TOF)	Report results Report results <i>C. albicans</i> (≥ 89%) <i>C. albicans</i>	Ovoid-to-elongated; pseudohyphae observed Butyrous and cream <i>C. albicans</i> (89%) <i>C. albicans</i> (99.9%)
Genotypic Analysis Sequencing of partial 18S ribosomal RNA (rRNA) gene, internal transcribed spacer (ITS) 1, 5.8S rRNA gene, ITS 2, partial 26S rRNA (~ 500 base pairs) Sequencing of 28S rRNA gene (~ 590 base pairs)	≥ 99% sequence identity to <i>C. albicans</i> type strain (GenBank: CP017630.1) ≥ 99% sequence identity to <i>C. albicans</i> type strain (GenBank: CP017630.1)	99.8% sequence identity to <i>C. albicans</i> type strain (GenBank: CP017630.1) 100% sequence identity to <i>C. albicans</i> type strain (GenBank: CP017630.1)
Purity Nutrient broth with 0.1% Yeast Extract at 25°C 3 days in an aerobic atmosphere Nutrient broth with 0.1% Yeast Extract at 37°C 3 days in an aerobic atmosphere	No bacterial growth No bacterial growth	No bacterial growth No bacterial growth
Viability (post-freeze) 3 days at 25°C in an aerobic atmosphere on Yeast Mold agar	Growth	Growth

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12 OCT 2023

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