

Candida tropicalis, Strain CAB54-6763-3

Catalog No. HM-1124

Product Description:

Candida tropicalis (*C. tropicalis*), strain CAB54-6763-3 was isolated in February 2012, from human blood in St. Louis, Missouri, USA. HM-1124 was produced by inoculation of the deposited material onto Emmons Modified Sabouroud Dextrose agar and incubated for 4 days at 25°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

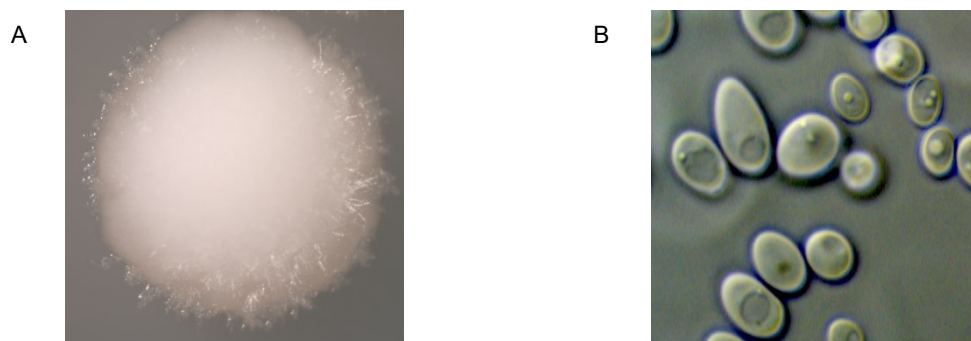
Lot: 63795212

Manufacturing Date: 23OCT2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology Cellular morphology Biochemical tests: Vitek 2 Systems Version: 07.01 (YST card) VITEK® MS (MALDI-TOF)	Report results Report results <i>C. tropicalis</i> (≥ 85%) <i>C. tropicalis</i> (≥ 90%)	Convex, filiform, butyrous to friable, rough and mycelial (Figure 1A) Budding yeast with round to ovoid cells (Figure 1B) <i>C. tropicalis</i> (98%) <i>C. tropicalis</i> (99%)
Genotypic Analysis Partial sequencing of internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA (rRNA) gene, and ITS 2 (~ 490 base pairs) Sequencing of 28S rRNA gene (~ 640 base pairs)	≥ 99% sequence identity to <i>C. tropicalis</i> type strain (GenBank: NR_111250.1) ≥ 99% sequence identity to <i>C. tropicalis</i> type strain (GenBank: KT380847.1)	100% sequence identity to <i>C. tropicalis</i> , type strain (GenBank: NR_111250.1) 99.5% sequence identity to <i>C. tropicalis</i> strain (GenBank: KT380847.1)
Purity (post-freeze)¹ 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
Viability (post-freeze)	Growth	Growth

¹Purity of this lot was assessed by visual inspection after 4 days in an aerobic atmosphere.

Figure 1: Cellular and Colony Morphology



/Heather Couch/
Heather Couch

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Program Manager or designee, ATCC Federal Solutions

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