Certificate of Analysis for HM-1121

Candida parapsilosis, Strain CAB50-2638

Catalog No. HM-1121

Product Description:

Candida parapsilosis (C. parapsilosis), strain CAB50-2638 was isolated in February 2012 from human blood in St. Louis, Missouri, USA. HM-1121 was produced by inoculation of BEI Resources seed lot 63795188 onto Yeast Mold agar and grown for 3 days at 25°C in an aerobic atmosphere to produce this lot. The agar growth was harvested with 20% glycerol 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: 70070528 **Manufacturing Date: 27SEP2024**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology 3 days at 25°C in an aerobic atmosphere on Yeast Mold agar	Report results	Ovoid to subglobose; no pseudohyphae observed (Figure 1)
Colony morphology 3 days at 25°C in an aerobic atmosphere on Yeast Mold agar	Report results	Circular, butyrous and cream (Figure 2)
VITEK® 2 YST card	*C. parapsilosis* (≥ 85%)	*C. parapsilosis* (98%)
VITEK® MS (MALDI-TOF)	*C. parapsilosis*	*C. parapsilosis* (99.9%)
Genotypic Analysis		
Partial sequencing of internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA (rRNA) gene, and ITS 2 (~ 480 base pairs)	≥ 99% sequence identity to *C. parapsilosis* type strain (GenBank: JADLIH010000009.1)	100% sequence identity to *C. parapsilosis* type strain (GenBank: JADLIH010000009.1)[1]
Sequencing of 28S rRNA gene (~ 590 base pairs)	≥ 99% sequence identity to *C. parapsilosis* type strain (GenBank: JADLIH010000009.1)	100% sequence identity to *C. parapsilosis* type strain (GenBank: JADLIH010000009.1)
Purity (post-freeze)		
3 days at 25°C in an aerobic atmosphere in Nutrient broth with 0.1% Yeast Extract	No bacterial growth	No bacterial growth
3 days at 37°C in an aerobic atmosphere in Nutrient broth with 0.1% Yeast Extract	No bacterial growth	No bacterial growth
Viability (post-freeze)		
3 days at 25°C in an aerobic atmosphere on Yeast Mold agar	Growth	Growth

[1]Also consistent with other *Candida* species

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Figure 1: Cellular Morphology

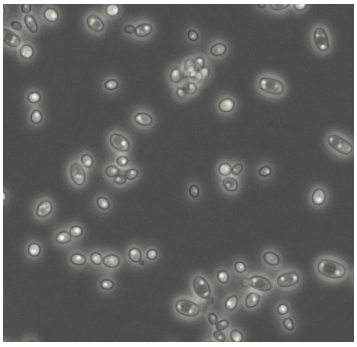
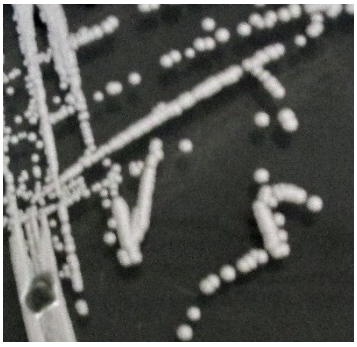


Figure 2: Colony Morphology



/Sonia Bjorum Brower/
Sonia Bjorum Brower 02 OCT 2025
Technical Manager or designee, ATCC Federal Solutions

ATCC®, 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®'s knowledge.

Support Provided by NIAID

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