

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. *C. parapsilosis*, strain CAB50-2638 was deposited by Carey-Ann D. Burnham, Assistant Professor, Department of Pathology and Immunology, Washington University School of Medicine, St. Louis, Missouri, USA. HM-1121 lot 63795209 was produced by inoculation of the deposited material onto Emmons Modified Sabauroud Dextrose agar and incubated for 4 days at 25°C in an aerobic atmosphere to produce this lot. Yeast were harvested from agar plates with 20% glycerol prior to vialing. 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: 63795209

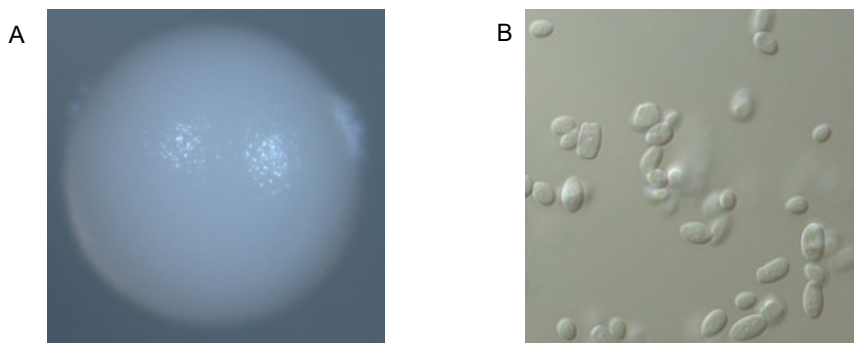
Manufacturing Date: 23OCT2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology 3 days at 25°C in an aerobic atmosphere on Emmons Modified Sabauroud Dextrose agar Cellular Morphology Biochemical tests: Vitek 2 Systems Version: 07.01 (YST card) VITEK® MS (MALDI-TOF)	Report results Report results ≥ 85% probability of <i>C. parapsilosis</i> ≥ 90% probability of <i>C. parapsilosis</i>	Circular, convex, entire, butyrous and white (Figure 1A) Budding yeast with elongated cells (Figure 1B) 98% probability of <i>C. parapsilosis</i> 99% probability of <i>C. parapsilosis</i>
Genotypic Analysis Partial sequencing of internal transcribed spacer (ITS) 1, 5.8S ribosomal RNA (rRNA) gene, and ITS 2 (~ 480 base pairs) Sequencing of 28S rRNA gene (~ 590 base pairs)	≥ 99% sequence identity to <i>C. parapsilosis</i> , type strain CBS 604 (GenBank: AY391843) Consistent with <i>C. parapsilosis</i>	100% sequence identity to <i>C. parapsilosis</i> , type strain CBS 604 (GenBank: AY391843) Consistent with <i>C. parapsilosis</i> ¹
Purity (post-freeze)² 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) 3 days at 25°C in an aerobic atmosphere on Emmons Modified Sabauroud Dextrose agar	Growth	Growth

¹Type strain sequence not available for alignment.

²Purity of this lot was assessed by visual inspection after 3 days in an aerobic atmosphere.

Figure 1: Cellular and Colony Morphology



/Heather Couch/
Heather Couch

Program Manager or designee, ATCC Federal Solutions

21 AUG 2020

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.

ATCC® 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.

