

**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 the BEI Resources seed lot onto Yeast Mold 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: 70045388**

**Manufacturing Date: 18JUN2021**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology 3 days at 25°C in an aerobic atmosphere on Yeast Mold agar Colony morphology 3 days at 25°C in an aerobic atmosphere on Yeast Mold agar VITEK® 2 YST card VITEK® MS (MALDI-TOF)	Report results  Report results  <i>C. parapsilosis</i> (≥ 85%) <i>C. parapsilosis</i>	Ovoid to subglobose; no pseudohyphae observed (Figure 1)  Butyrous and off-white (Figure 2)  <i>C. parapsilosis</i> (98%) <i>C. parapsilosis</i> (99.9%)
<b>Genotypic Analysis</b> 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 (GenBank: JADLIH010000009.1) ≥ 99% sequence identity to <i>C. parapsilosis</i> type strain (GenBank: JADLIH010000009.1)	100% sequence identity to <i>C. parapsilosis</i> type strain (GenBank: JADLIH010000009.1) <sup>1</sup> 100% sequence identity to <i>C. parapsilosis</i> type strain (GenBank: JADLIH010000009.1)
<b>Purity (post-freeze)</b> 3 days at 25°C in an aerobic atmosphere in Nutrient broth with 0.1% Yeast Extract 3 days at 37°C in an aerobic atmosphere in Nutrient broth with 0.1% Yeast Extract	No bacterial growth  No bacterial growth	No bacterial growth  No bacterial growth
<b>Viability (post-freeze)</b> 3 days at 25°C in an aerobic atmosphere on Yeast Mold agar	Growth	Growth

<sup>1</sup>Also consistent with other *Candida* species

Figure 1: Cellular Morphology

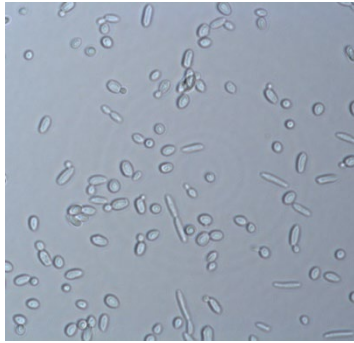
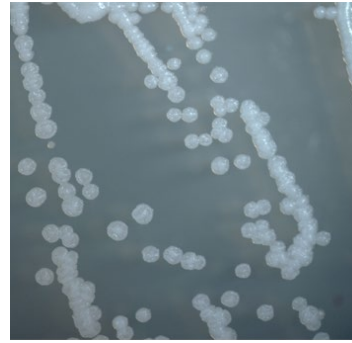


Figure 2: Colony Morphology



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