

***Mucor circinelloides* forma *circinelloides*, Strain 1006PhL**
Catalog No. NR-49108
Product Description:

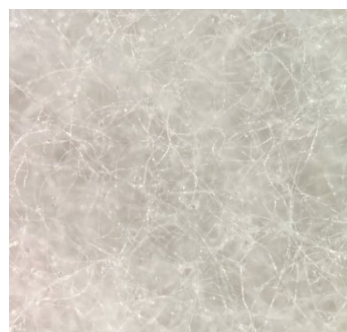
Mucor circinelloides forma *circinelloides* (*M. circinelloides* f. *circinelloides*), strain 1006PhL was obtained from human skin during a skin microbiome study in Bethesda, Maryland, in 2012. Strain 1006PhL is virulent in murine and insect host models (larval *Galleria mellonella*). NR-49108 was produced by inoculation of BEI Resources seed lot 63140913 onto Yeast Mold agar kolles, which were grown for 3 days at 25°C in an aerobic atmosphere. The agar growth was harvested with 20% glycerol to produce this lot.

Lot: 70080470
Manufacturing Date: 24MAR2026

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TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 5 days at 25°C in an aerobic atmosphere on Yeast Mold agar Colony morphology 5 days at 25°C in an aerobic atmosphere on Yeast Mold agar	Report results Report results	Hyphae, spherical sporangia, sporangiophores observed (Figure 1) White to grayish white fluffy colonies (Figure 2)
Genotypic Analysis Sequencing of partial 18S ribosomal RNA (rRNA) gene, internal transcribed spacer (ITS) 1, 5.8S rRNA gene, ITS 2, partial 26S rRNA (600 base pairs) Sequencing of 28S rRNA gene (~ 700 base pairs)	Consistent with <i>M. circinelloides</i> Consistent with <i>M. circinelloides</i>	Consistent with <i>M. circinelloides</i> Consistent with <i>M. circinelloides</i>
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

Figure 1: Cellular Morphology

Figure 2: Colony Morphology


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03 JUN 2026

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