

***Klebsiella pneumoniae* subsp. *pneumoniae*, Strain WGLW3**
Catalog No. HM-748
Product Description:

Klebsiella pneumoniae (*K. pneumoniae*) subsp. *pneumoniae*, strain WGLW3 was isolated from human stool in Boston, Massachusetts, USA. HM-748 was produced by inoculation of BEI Resources seed lot 61859925 into Nutrient broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles, which were grown for 1 day at 37°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: 70084076
Manufacturing Date: 24JUN2026

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies ¹ Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-negative rods Report results Report results <i>K. pneumoniae</i>	Gram-negative rods Colony type 1: Circular, convex, entire, smooth and cream (Figure 1) Colony type 2: Circular, low convex, undulate, smooth and cream (Figure 1) Non-motile <i>K. pneumoniae</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 820 base pairs)	≥ 99% sequence identity to <i>K. pneumoniae</i> subsp. <i>pneumoniae</i> , strain WGLW3 (GenBank: AMLN01000001.1)	99.3% sequence identity to <i>K. pneumoniae</i> subsp. <i>pneumoniae</i> , strain WGLW3 (GenBank: AMLN01000001.1) ²
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Nutrient agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹Two colony types were observed. VITEK® MS (MALDI TOF) analysis identified cells from both colony types as *K. pneumoniae*.

²Also consistent with other *Klebsiella* species

Certificate of Analysis for HM-748

Figure 1: Colony Morphology



Colony type 1

Colony type 2

/Sonia Bjorum Brower/

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07AUG 2026

Technical Manager or designee, ATCC Federal Solutions

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