

***Klebsiella pneumoniae* subsp. *pneumoniae*, Strain WGLW2**

**Catalog No. HM-751**

**Product Description:** *Klebsiella pneumoniae* (*K. pneumoniae*) subsp. *pneumoniae*, strain WGLW2 was isolated from human sputum in Massachusetts, USA.

**Lot<sup>1,2</sup>: 70025885**

**Manufacturing Date: 16MAY2019**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility	Gram-negative rods Report results  Report results	Gram-negative rods Circular, convex, entire, smooth, mucoid and cream (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>K. pneumoniae</i> subsp. <i>pneumoniae</i> , strain WGLW2 (GenBank: AMLM01000018.1)	99.9% sequence identity to <i>K. pneumoniae</i> subsp. <i>pneumoniae</i> , strain WGLW2 (GenBank: AMLM01000018.1) <sup>4</sup>
<b>Purity (post-freeze)<sup>5</sup></b>	Consistent with expected colony morphology	Consistent with expected colony morphology
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>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.

<sup>2</sup>*K. pneumoniae* subsp. *pneumoniae*, strain WGLW2 was deposited by Wendy S. Garrett, M.D., Ph.D., Assistant Professor, and Leslie H. Wardwell, Department of Immunology and Infectious Diseases, Harvard School of Public Health, Boston, Massachusetts, USA. HM-751 lot 70025885 was produced by inoculation of BEI Resources HMS-751 lot 61859930 into Nutrient broth and incubated 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.

<sup>3</sup>1 day at 37°C in an aerobic atmosphere on Nutrient agar

<sup>4</sup>Also consistent with other *Klebsiella* species

<sup>5</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

**Figure 1: Colony Morphology**



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