

**Proteus mirabilis, Strain WGLW4**

**Catalog No. HM-752**

**Product Description:** *Proteus mirabilis* (*P. mirabilis*), strain WGLW4 was isolated from human urine in Boston, Massachusetts, USA.

**Lot<sup>1,2</sup>: 62363086**

**Manufacturing Date: 28FEB2014**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount)	Gram-negative rods Report results  Motile	Gram-negative rods Circular, low convex, entire, smooth and cream (Figure 1) Motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% identical to GenBank: AMGU01000003 ( <i>P. mirabilis</i> , strain WGLW4)	≥ 99% identical to GenBank: AMGU01000003 ( <i>P. mirabilis</i> , strain WGLW4)
<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>*P. mirabilis*, strain WGLW4 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. HM-752 was produced from a frozen subculture of the deposited material. The subculture was cultivated in Nutrient broth for 23 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles which were grown for 18 hours at 37°C in an aerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>3</sup>23 hours at 37°C in an aerobic atmosphere on Nutrient agar

**Figure 1**



**Date:** 10 JUN 2014

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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