

Certificate of Analysis for HM-127

Gardnerella vaginalis, Strain UPII 288-E

Catalog No. HM-127

Product Description: *Gardnerella vaginalis* (*G. vaginalis*), strain UPII 288-E was isolated from a human vagina.

Lot¹: 59576253

Manufacturing Date: 09DEC2010

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Gram-variable rods ² Report results	Gram-variable rods Circular and glistening (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 680 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>G. vaginalis</i>	Pending Consistent with <i>G. vaginalis</i>
Viability (post-freeze)³	Growth	Growth

¹*G. vaginalis*, strain UPII 288-E was deposited by Sharon L. Hillier, Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, Magee-Womens Research Institute, University of Pittsburgh, Pittsburgh, Pennsylvania. The deposited material was inoculated into NYC III broth (ATCC medium 1685) and incubated for 24 hours at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Kolles which were grown 48 hours at 37°C to produce this lot.

²*G. vaginalis* is often described as a Gram-variable organism but has a thin, Gram-positive cell wall [see Harper, J. J. and G. H. G. Davis. "Cell Wall Analysis of *Gardnerella vaginalis* (*Haemophilus vaginalis*).³ *Int. J. Syst. Bacteriol.* 32 (1982): 48-50.]

³48 hours at 37°C and 5% CO₂ on Chocolate Agar (GC Medium)

Figure 1



Date: 15 APR 2011

Signature:

Title:

Technical Manager, BEI Authentication or designee

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