

***Lactobacillus crispatus*, Strain EX533959VC07**

Catalog No. HM-423

Product Description: *Lactobacillus crispatus* (*L. crispatus*), strain EX533959VC07 was isolated from a human mid-vaginal wall in March 2010, in Richmond, Virginia.

Lot^{1,2}: 59852057

Manufacturing Date: 30MAR2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Gram-positive rod Report results	Gram-positive rod Slightly irregular and flat (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>L. crispatus</i>	Pending Consistent with <i>L. crispatus</i>
Viability (post-freeze)⁴	Growth	Growth

¹Quality 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.

²*L. crispatus*, strain EX533959VC07 was deposited by Professor Gregory A. Buck, Director, Center for the Study of Biological Complexity, Department of Microbiology and Immunology, Virginia Commonwealth University Medical Center, Richmond, Virginia. The deposited material was inoculated into Lactobacilli MRS Broth and incubated for 72 hours at 37°C in an aerobic atmosphere with 5% CO₂. The material from the initial growth was passaged once in Lactobacilli MRS Broth for 48 hours at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

³48 hours at 37°C in an aerobic atmosphere with 5% CO₂ on Lactobacilli MRS Agar

⁴24 hours at 37°C in an aerobic atmosphere with 5% CO₂ on Lactobacilli MRS Agar

Figure 1



Date: 12 AUG 2011

Signature:

Title:

Technical Manager, BEI Authentication or designee

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