Product Information Sheet for HM-1157

Veillonella montpellierensis, Strain DNF00314

Catalog No. HM-1157

For research use only. Not for use in humans.

Contributor:
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Manufacturer:
BEI Resources

Product Description:
Bacteria Classification: *Veillonellaceae, Veillonella*
Species: *Veillonella montpellierensis*
Strain: DNF00314
Original Source: *Veillonella montpellierensis* (*V. montpellierensis*), strain DNF00314 was isolated in 2011, from vaginal fluid collected from a human subject with bacterial vaginosis, in USA.[1,2]
Comments: *V. montpellierensis,* strain DNF00314 (HMP ID 0872) is a reference genome for The Human Microbiome Project (HMP). HMP is an initiative to identify and characterize human microbial flora. The complete genome of *V. montpellierensis,* strain DNF00314 was sequenced at the J. Craig Venter Institute (GenBank: JRNT00000000).
Note: HMP material is taxonomically classified by the depositor. Quality control of these materials is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material.

V. montpellierensis is an anaerobic, non-motile, non-sporulating, Gram-negative coccus found in human clinical samples, typically from the human gastrointestinal and vaginal tracts.[3] Although *Veillonella* species are generally considered to be of low virulence, *V. montpellierensis* can on rare occasion cause serious infection.[4]

Material Provided:
Each vial contains approximately 0.5 mL of bacterial culture in Reinforced Clostridial medium with sodium lactate supplemented with 5% DMSO.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:
HM-1157 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Growth Conditions:
Media:
Reinforced Clostridial medium with sodium lactate or equivalent
Reinforced Clostridial medium with sodium lactate agar or equivalent
Incubation:
Temperature: 37°C
Atmosphere: Anaerobic
Propagation:
1. Keep vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate at 37°C for 2 to 3 days.

Citation:
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Veillonella montpellierensis,* Strain DNF00314, HM-1157."

Biosafety Level: 2
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories (BMBL). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

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References:

1. Fredricks, D. N., Personal Communication.
2. HMP 0872 (*Veillonella montpellierensis,* strain DNF00314)
3. Jumas-Bilak, E., et al. "*Veillonella montpellierensis* sp. nov., a Novel, Anaerobic, Gram-negative Coccus Isolated from Human Clinical Samples." Int. J. Syst. Evol. Microbiol. 54 (2004): 1311-1316. PubMed: 15280307.
4. Rovery, C., et al. "*Veillonella montpellierensis* Endocarditis." Emerg. Infect. Dis. 11 (2005): 1112-1114. PubMed: 16022792.

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