

Product Information Sheet for HM-260D

Genomic DNA from *Fusobacterium nucleatum* subsp. *polymorphum*, Strain F0401

Catalog No. HM-260D

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Fusobacterium nucleatum* (*F. nucleatum*) subsp. *polymorphum*, strain F0401. **Note:** The HMP material used for DNA extraction was taxonomically classified by the depositor. Quality control of HMP organisms is only performed to demonstrate that the material produced by BEI Resources is identical to the deposited material.

F. nucleatum subsp. *polymorphum*, strain F0401 (also referred to as Isolate 12230 and Oral Clone BS019) was isolated from a transtracheal biofilm from a healthy patient.¹ *F. nucleatum* subsp. *polymorphum*, strain F0401 ([HMP ID 9369](#)) 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 *F. nucleatum* subsp. *polymorphum*, strain F0401 was sequenced at the [Broad Institute](#) (GenBank: [ADDB00000000.1](#)). **Note:** The updated version of this sequence in GenBank (ADDB00000000.2) was erroneously titled and is identical to the sequence of *Fusobacterium nucleatum* subsp. *animalis*, strain 7_1 (CP007062.1). Please use the obsolete version for sequence information related to HM-260.

HM-260D has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

Material Provided:

Each vial contains 0.7 µg to 1.5 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

HM-260D was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as

part of the Human Microbiome Project: Genomic DNA from *Fusobacterium nucleatum* subsp. *polymorphum*, Strain F0401, HM-260D."

Biosafety Level: 1

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](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. [HMP ID 9369](#) (*F. nucleatum* subsp. *polymorphum*, strain F0401)

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