

Genomic DNA from *Enterococcus faecalis*, Strain TUSoD Ef11

Catalog No. HM-51D

For research use only. Not for human use.

Contributor:

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Product Description:

Genomic DNA was obtained from a preparation of *Enterococcus faecalis* (*E. faecalis*), strain TUSoD Ef11.

E. faecalis, strain TUSoD Ef11 ([HMP ID 0347](#)) was isolated on January 19, 2005, from an infected dental root canal of a patient with periapical periodontitis in Philadelphia, Pennsylvania, USA.^{1,2} This strain 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 *E. faecalis*, strain TUSoD Ef11 is currently being sequenced at the [J. Craig Venter Institute](#) (GenBank: [ACOX02000000](#)).

HM-51D 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). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

HM-51D 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 *Enterococcus faecalis*, Strain TUSoD Ef11, HM-51D."

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.

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References:

1. R. H. Stevens, Personal Communication.
2. Stevens, R. H., O. D. Porras and A. L. Delisle. "Bacteriophages Induced from Lysogenic Root Canal Isolates of *Enterococcus faecalis*." [Oral Microbiol. Immunol.](#) 24 (2009): 278-284. PubMed: 19572888.
3. [HMP ID 0347](#) (*Enterococcus faecalis*, Strain TUSoD Ef11)

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