Product Information Sheet for HM-38D

Genomic DNA from *Escherichia* sp., Strain 3_2_53FAA

Catalog No. HM-38D

For research use only. Not for human use.

**Contributor:**
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**Product Description:**
Genomic DNA was obtained from a preparation of *Escherichia* sp., strain 3_2_53FAA.

*Escherichia* sp., strain 3_2_53FAA was isolated from an intestinal biopsy specimen from the descending colon of a 52-year old male with active Crohn’s disease in Calgary, Alberta, Canada. Escherichia sp., strain 3_2_53FAA is being sequenced as part of The Human Microbiome Project (HMP). HMP is an initiative to identify and characterize human microbial flora. The whole genome shotgun sequencing of *Escherichia* sp., strain 3_2_53FAA is available (GenBank: ACAC00000000).

HM-38D has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA.

**Material Provided:**
Each vial contains 0.75 to 1.25 μg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 7.4). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

**Packaging/Storage:**
HM-38D 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 the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH as part of the Human Microbiome Project: Genomic DNA from *Escherichia* sp., Strain 3_2_53FAA, HM-38D.”

**Biosafety Level:** 1


**Disclaimers:**
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**References:**
1. Emma Allen-Vercoe, personal communication.

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www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm

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