Genomic DNA from *Neisseria* sp., Oral Taxon 014, Strain F0314

Catalog No. HM-91D

*For research use only. Not for human use.*

**Contributor:**
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**Manufacturer:**
BEI Resources

**Product Description:**
Genomic DNA was obtained from a preparation of *Neisseria* sp., oral taxon 014, strain F0314. **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.

*Neisseria* sp., oral taxon 014, strain F0314 was isolated in June 1982 from a subgingival oral biofilm at a healthy site from a 23-year-old American white female.² *Neisseria* sp., oral taxon 014, strain F0314 (HMP ID 9016) 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 *Neisseria* sp., oral taxon 014, strain F0314 is currently being sequenced at Broad Institute (GenBank: ADEA00000000).

HM-91D has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA gene.

**Material Provided:**
Each vial contains 0.7 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-91D 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 *Neisseria* sp., Oral Taxon 014, Strain F0314, HM-91D.”

**Biosafety Level:** 1

**Disclaimers:**
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**References:**
1. HMP 9016 (*Neisseria* sp., strain F0314)

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