

Certificate of Analysis for HM-208D

Genomic DNA from Prevotella denticola, Oral Taxon 291, Strain F0289

Catalog No. HM-208D

Product Description: Genomic DNA was obtained from a preparation of *Prevotella denticola* (*P. denticola*), Oral Taxon 291, strain F0289.

Lot^{1,2}: 60326763 Manufacturing Date: 18OCT2011

TEST	SPECIFICATIONS	RESULTS
Sequencing of 16S Ribosomal RNA Gene (~ 1390 base pairs)	≥ 99% identical to GenBank: CP002589 (<i>P. denticola</i> , strain F0289)	≥ 99% identical to GenBank: CP002589 (<i>P. denticola</i> , strain F0289)
Agarose Gel Electrophoresis	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
Concentration by PicoGreen® Measurement	0.7 to 1.5 μg in 25 to 100 μL per vial	0.9 μg in 42 μL per vial (22 μg/mL)
Functional Activity by PCR Amplification 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
OD ₂₆₀ /OD ₂₈₀ Ratio	1.7 to 2.0	1.9
Bacterial Inactivation 10% of total yield plated on Tryptic Soy Agar with 5% defibrinated sheep blood ^{3,4}	No viable bacteria detected	No viable bacteria detected

Quality control of HMP organisms used for DNA extraction is only performed to demonstrate that the material produced by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Date: 13 FEB 2012 **Signature:**

Title: Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by ATCC[®] to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

E-mail: contact@beiresources.org
Tel: 800-359-7370

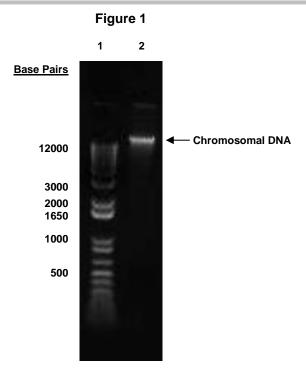
Fax: 703-365-2898

²The bacterial preparation used for extraction of genomic DNA was produced by Modified Chopped Meat Medium culture of the deposited material. After incubation for 48 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂), genomic DNA was extracted using proprietary technology.

³7 days at 37°C and anaerobic atmosphere

⁴An extraction procedure was used that has been shown to consistently inactivate 100% of Gram-positive and Gram-negative bacteria.

Certificate of Analysis for HM-208D



Lane 1: Invitrogen™ Tracklt 1 Kb Plus DNA Ladder™ Lane 2: 200 ng of HM-208D

E-mail: contact@beiresources.org
Tel: 800-359-7370

Fax: 703-365-2898