

Genomic DNA from *Capnocytophaga* sp. Oral Taxon 329, Strain F0087

Catalog No. HM-267D

Product Description: Genomic DNA was obtained from a preparation of *Capnocytophaga* sp. oral taxon 329, strain F0087.

Lot¹: 59476601

Manufacturing Date: 09NOV2010

TEST	SPECIFICATIONS	RESULTS
Sequencing of 16S Ribosomal RNA Gene (~ 1370 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>Capnocytophaga</i> sp.	≥ 99% identical to depositor's sequence Consistent with <i>Capnocytophaga</i> sp.
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 33 µL per vial (26 µg/mL)
Functional Activity by PCR Amplification 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
OD₂₆₀/OD₂₈₀ Ratio	1.7 to 2.0	1.9
Bacterial Inactivation 5% of total yield plated on Tryptic Soy Agar with 5% defibrinated sheep blood ^{2,3}	No viable bacteria detected	No viable bacteria detected

¹The bacterial preparation used for extraction of genomic DNA was produced by Modified Chopped Meat Medium ([ATCC medium 1490](#)) 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.

²7 days at 37°C in an anaerobic atmosphere

³An extraction procedure was used that has been shown to consistently inactivate 100% of Gram-positive and Gram-negative bacteria.

Date: 03 FEB 2011

Signature: 

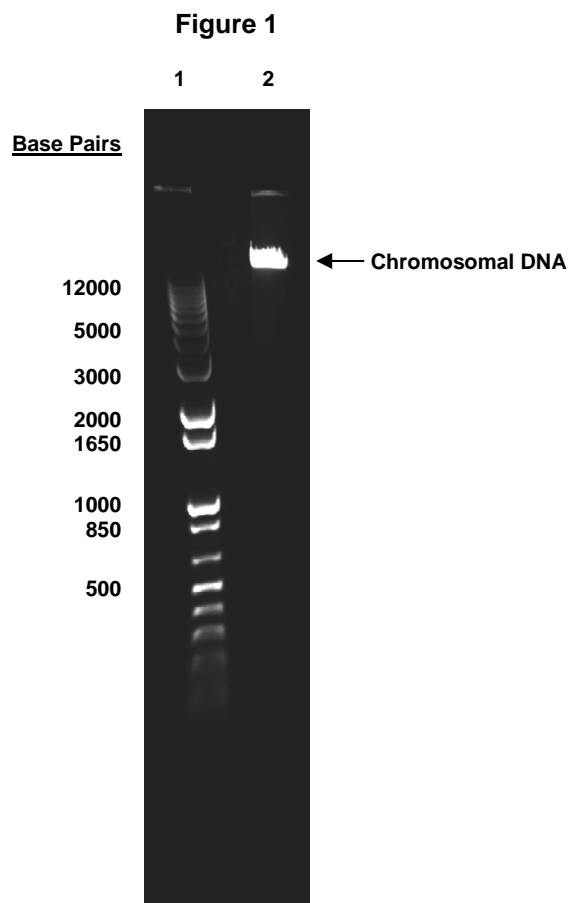
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Lane 1: Invitrogen™ TrackIt 1 Kb Plus DNA Ladder™
Lane 2: 200 ng of HM-267D