

Title (en)
OLIGONUCLEOTIDE PROBES FOR DETECTION OF PERIODONTAL PATHOGENS

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Application
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Abstract (en)
[origin: WO8906704A1] This invention relates to compositions of oligonucleotide probes for use in the detection of bacteria associated with medical disorders of the human mouth, wherein said probes consist essentially of a segment of nucleic acid capable of selectively hybridizing under hybridizing conditions, to the 16S or 23S ribosomal RNA [rRNA] of said bacteria. Methods for detection, as well as diagnostic kits for the assay of these bacterium, are also disclosed.

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C12Q 1/70

IPC 8 full level
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Citation (search report)

- WO 8803957 A1 19880602 - GEN PROBE INC [US]
- EP 0199439 A1 19861029 - BIOTECHNICA DIAGNOSTICS INC [US]
- EP 0250662 A1 19880107 - UNIV CALIFORNIA [US]
- EP 0229442 A1 19870722 - GEN PROBE INC [US]
- JOURNAL OF GENERAL MICROBIOLOGY vol. 133, July 1987, READING, GB. pages 1969 - 1974 G\BEL U. ET AL 'Oligonucleotide Probes Complementary to Variable Regions of Ribosomal RNA Discriminate between Mycoplasma Species.'
- FEMS MICROBIOLOGY LETTERS vol. 43, no. 2, August 1987, AMSTERDAM, THE NETHERLANDS pages 187 - 193 HAUN, G, ET AL. 'Oligonucleotide probes for genus-,species- and subspecies-specific identification of representatives of the genus Proteus'
- ORAL MICROBIOL. AND IMMUNOL. vol. 1, no. 1, October 1986, COPENHAGEN, DK pages 58 - 62 FRENCH, C.K ET AL. 'Dna probe detection of periodontal pathogens'
- ORAL MICROBIOL. AND IMMUNOL. vol. 1, no. 1, October 1986, COPENHAGEN, DK pages 58 - 62 FRENCH, C.K ET AL. 'Dna probe detection of periodontal pathogens'
- See references of WO 8906704A1

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