

Title (en)
OLIGONUCLEOTIDE PROBES FOR DETECTING ENTEROBACTERIACEAE AND QUINOLONE-RESISTANT ENTEROBACTERIACEAE

Title (de)
OLIGONUKLEOTIDSONDEN ZUR DETEKTION VON ENTEROBACTERIACEAE UND CHINOLON-RESISTENTEN ENTEROBACTERIACEAE

Title (fr)
SONDES D'OLIGONUCLEOTIDES DE DETECTION D'ENTEROBACTERIACEAE ET D'ENTEROBACTERIACEAE RESISTANTS AUX QUINOLONES

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Application
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Abstract (en)
[origin: WO9950458A2] Oligonucleotide probes for detecting Enterobacteriaceae species. Unique gyrA coding regions permit the development of probes specific for eight different species: Escherichia coli, Citrobacter freundii, Enterobacter aerogenes, Enterobacter cloacae, Klebsiella oxytoca, Klebsiella pneumoniae, Providencia stuartii and Serratia marcescens. The invention thereby provides methods for the species-specific identification of these Enterobacteriaceae in a sample, and detection and diagnosis of Enterobacteriaceae infection in a subject. Further, nucleic acids are provided for determining quinolone-resistant status of these Enterobacteriaceae.

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