

Title (en)

COMPOSITIONS AND METHODS FOR DETECTING GASTROINTESTINAL PATHOGENS

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN ZUM NACHWEIS VON GASTROINTESTINALEN PATHOGENEN

Title (fr)

COMPOSITIONS ET PROCÉDÉS DE DÉTECTION D'AGENTS PATHOGÈNES GASTRO-INTESTINAUX

Publication

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Application

EP 22755052 A 20220726

Priority

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Abstract (en)

[origin: WO2023010008A1] Compositions, methods, kits, and uses are provided for detecting the presence of Salmonella, Shigella, Campylobacter, and Shigatoxigenic Escherichia coli (STEC) in samples. In some embodiments, the compositions, methods, kits, and uses comprise one or more oligonucleotides or the use of one or more oligonucleotides. In some embodiments, the method is carried out as a multiplex assay with separate primers/probes for C.jejuni and C.coli. Some of the oligonucleotides contain inosine and/or contain 5-methylcytosine substituted nucleotides. Described is the use of cyclodextrin and/or Polysorbate 20 in the amplification reactions.

IPC 8 full level

C12Q 1/689 (2018.01)

CPC (source: EP)

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