

Title (en)

TEST-KIT FOR DETECTING ENTEROHEMORRHAGIC ESCHERICHIA COLI STRAINS (EHEC)

Title (de)

TEST-KIT ZUM NACHWEIS VON ENTEROHÄMORRHAGISCHEN ESCHERICHIA COLI-STÄMMEN (EHEC)

Title (fr)

KIT DE TEST POUR DETERMINER LA PRESENCE DE SOUCHES ESCHERICHIA COLI ENTEROHEMORRHAGIQUES (EHEC)

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Application

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Abstract (en)

[origin: WO03010332A2] The invention relates to a test-kit for detecting enterohemorrhagic escherichia coli strains (EHEC), containing, each time, a primer pair for amplifying at least a portion of the SLT1 gene, SLT2 gene, r DOLLAR m(lbE) gene, eaeA gene and of a control gene in a single reaction and containing an oligonucleotide serving as a trapping probe and an oligonucleotide serving as a detector probe for hybridizing, at room temperature, the amplification products that are obtained with the primers. According to the invention, all trapping probes are immobilized on a common solid surface, and the detector probes are provided with a visually detectable marking. The use of a test kit enables a simple and reliable detection of enterohemorrhagic escherichia coli strains in a single reaction.

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