

Title (en)

MICROORGANISM DETECTION USING BACTERIOPHAGE AMPLIFICATION

Title (de)

NACHWEIS VON MIKROORGANISMEN MITTELS BAKTERIOPHAGENAMPLIFIKATION

Title (fr)

DETECTION DE MICRO-ORGANISMES AU MOYEN D'UNE AMPLIFICATION BACTERIOPHAGE

Publication

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Application

EP 05856796 A 20050607

Priority

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Abstract (en)

[origin: WO2006083292A2] A method of detecting the presence or absence of a target microorganism in a sample to be tested comprising: combining with the sample, bacteriophage capable of infecting the target microorganism to create a bacteriophage exposed sample; providing conditions to the bacteriophage exposed sample sufficient to allow the bacteriophage to infect the target microorganism to create injected bacteriophage nucleic acid, additional bacteriophage nucleic acid, intermediate bacteriophage protein, or additional bacteriophage protein; and assaying the nucleic acid or protein to determine the presence or absence of the target microorganism. The microorganism is preferably dissociated or lysed prior to the completion of the bacteriophage replication process. The sample is an insitu sample and the microorganism is isolated from the insitu matrix. The assaying comprises comparing the test nucleic acid or protein level to a reference level.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2006083292A2

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