

Title (en)
METHOD OF TESTING FOR SPECIFIC ORGANISMS IN AN INDIVIDUAL

Title (de)
TESTVERFAHREN FÜR SPEZIFISCHE ORGANISMEN BEI EINER PERSON

Title (fr)
PROCÉDÉ DE RECHERCHE D'ORGANISMES SPÉCIFIQUES CHEZ UN INDIVIDU

Publication
EP 3994283 A4 20221012 (EN)

Application
EP 20849772 A 20200731

Priority
• US 201962882367 P 20190802
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• US 202062991190 P 20200318
• US 202063002486 P 20200331
• US 2020044605 W 20200731

Abstract (en)
[origin: WO2021026025A2] A method of testing for specific organisms in an individual comprising the steps of: a) screening the individual; b) acquiring a stool sample from the individual; c) processing the stool sample to obtain the individual's microbiome; d) sequencing the microbiome of the individual; and e) analyzing the microbiome of the individual to determine whether one or more specific organisms are present in the individual, whereby a health condition of the individual is determined. The step of processing can comprise the sub-steps of: i) extracting DNA from the stool sample, which comprises adding the stool sample to a bead beating tube, achieving cell lysis, capturing the DNA on a silica membrane in a spin-column, and washing and eluting the DNA from the membrane; and ii) purifying the extracted DNA. A method of determining whether an individual has a health condition comprising the same steps. A stool sample collection kit.

IPC 8 full level
C12Q 1/689 (2018.01); **C12Q 1/6883** (2018.01); **C12Q 1/70** (2006.01); **G01N 33/574** (2006.01); **G16B 30/00** (2019.01)

CPC (source: EP)
C12Q 1/6883 (2013.01); **C12Q 1/689** (2013.01); **C12Q 1/70** (2013.01); **Y02A 50/30** (2017.12)

Citation (search report)
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• [XYI] WO 2016164402 A1 20161013 - OKLAHOMA MED RES FOUND [US]
• [X] WO 2014138999 A1 20140918 - UNIV OTTAWA [CA]
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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