

(51) International Patent Classification:
G01N 33/68 (2006.01)(21) International Application Number:
PCT/FI2022/050015(22) International Filing Date:
07 January 2022 (07.01.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20215021 08 January 2021 (08.01.2021) FI(71) Applicant: NIGHTINGALE HEALTH OYJ [FI/FI];
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

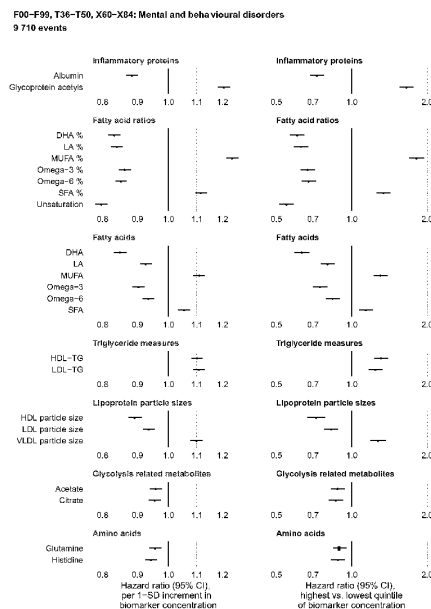
(54) Title: METHOD FOR DETERMINING WHETHER A SUBJECT IS AT RISK OF DEVELOPING A MENTAL AND/OR A
BEHAVIOURAL DISORDER

Figure 1a

(57) Abstract: A method for determining whether a subject is at risk of developing a mental disorder; wherein the method comprises determining in a biological sample obtained from the subject a quantitative value of at least one biomarker of the following in the biological sample: glycoprotein acetyls, albumin, a ratio of docosahexaenoic acid to total fatty acids, a ratio of linoleic acid to total fatty acids, a ratio of monounsaturated fatty acids and/or of oleic acid to total fatty acids, a ratio of omega-3 fatty acids to total fatty acids, a ratio of omega-6 fatty acids to total fatty acids, a ratio of saturated fatty acids to total fatty acids, fatty acid degree of unsaturation, docosahexaenoic acid, linoleic acid, monounsaturated fatty acids and/or oleic acid, omega-3 fatty acids, omega-6 fatty acids, saturated fatty acids, triglycerides in high-density lipoprotein (HDL), triglycerides in low-density lipoprotein (LDL), high-density lipoprotein (HDL) particle size, low-density lipoprotein (LDL) particle size, very-low-density lipoprotein (VLDL) particle size, acetate, citrate, glutamine, histidine; and comparing the quantitative value(s) of the at least one biomarker to a control sample or to a control value; wherein an increase or a decrease in the quantitative value (s) of the at least one biomarker, when compared to the control sample or to the control value, is/are indicative of the subject having an increased risk of developing a mental disorder; wherein the at least one biomarker comprises or is glycoprotein acetyls, and wherein the mental disorder is anxiety disorder and/or reaction to severe stress disorder.

[Continued on next page]

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*