

Title (en)

METHOD FOR QUANTITATIVE EVALUATION (MQE BOTH FOR RAPID PROGNOSIS OF DISBIOSIS IN INFANTS -UP TO 1 YEAR OF AGE(MQE/RPDI-1Y), AND FOR MULTI-FACTURAL DISEASES (MQE/MFD)

Title (de)

METHODE ZUR QUANTITATIVEN BEWERTUNG (MQE) SOWOHL FÜR DIE SCHNELLE PROGNOSE VON DISBIOSE BEI KLEINKINDERN BIS ZU 1 JAHR (MQE/RPDI-1Y) ALS AUCH FÜR MULTIFAKTORIELLE KRANKHEITEN (MQE/MFD)

Title (fr)

PROCÉDÉ D'ÉVALUATION QUANTITATIVE (MQE À LA FOIS POUR LE PRONOSTIC RAPIDE DE LA DYSBIOSE CHEZ LES NOURRISSONS JUSQU'À L'ÂGE DE 1 AN (MQE/RPDI-1Y), ET POUR DES MALADIES MULTIFACTORIELLES (MQE/MFD)

Publication

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Application

EP 20742153 A 20200528

Priority

- BG 11314820 A 20200527
- BG 2020050001 W 20200528

Abstract (en)

[origin: WO2021237312A1] The invention regarding the present disclosure relates to a method for in vitro assessment and prognosis for balancing the intestinal microbiota in newborns in the age of one month to one year, based on an integrated approach, by calculating correlation coefficients between key indicators, divided into three main groups: 1. Correlation between composition and amount of microorganisms in breast milk and in the feces of the child; 2. Correlation between enzyme profile and activity of enzymes responsible for the assimilation and metabolism of milk components (lactose, lipids, oligosaccharides, proteins) in samples of breast milk and feces of the child; 3. Correlation between the amount of metabolites obtained from the metabolism of the main components of breast milk from the microbiota in breast milk and in the feces of the child. The method in conjunction with the invention provides an opportunity for rapid prognosis of dysbiosis in infants in the age group of up to 1 year. In this way, it will find application in the algorithm for accurate diagnosis of the intestinal microbiota of newborns aged one month to one year. The method also helps to quickly establish the type of dysbiosis and the degree of violation.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2021237312A1

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