

Title (en)

METHODS AND REAGENTS FOR THE QUANTITATIVE DETERMINATION OF METABOLITES IN BIOLOGICAL SAMPLES

Title (de)

VERFAHREN UND REAGENZIEN ZUR QUANTITATIVEN BESTIMMUNG VON METABOLITEN IN BIOLOGISCHEN PROBEN

Title (fr)

PROCÉDÉS ET RÉACTIFS PERMETTANT UN DOSAGE QUANTITATIF DES MÉTABOLITES PRÉSENTS DANS DES ÉCHANTILLONS BIOLOGIQUES

Publication

**EP 2435832 A1 20120404 (EN)**

Application

**EP 10724355 A 20100525**

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Abstract (en)

[origin: WO2010136455A1] The invention relates to a method for determining the concentration of a test metabolite in a biological sample by mass spectrometry without the need of using labelled analogues of the test metabolite. The method of the invention involves the use of a collection of reference samples containing known and increasing amounts of the test metabolite and the determination in said collection of samples the mass intensities of the test metabolite and of at least one naturally occurring isotopologue thereof. The invention also relates to computer means and kits for carrying out the invention.

IPC 8 full level

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