Title (en)

QUANTIFICATION OF ANALYTE MOLECULES USING MULTIPLE REFERENCE MOLECULES AND CORRELATION FUNCTIONS

Title (de)

QUANTIFIZIERUNG VON ANALYTMOLEKÜLEN UNTER VERWENDUNG MEHRERER REFERENZMOLEKÜLE UND KORRELATIONSFUNKTIONEN

Title (fr)

QUANTIFICATION DE MOLÉCULES D'ANALYTE À L'AIDE DE MULTIPLES MOLÉCULES DE RÉFÉRENCE ET FONCTIONS DE CORRÉLATION

Publication

EP 2140266 A1 20100106 (EN)

Application

EP 08715628 A 20080326

Priority

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- DK PA200700464 A 20070326

Abstract (en)

[origin: WO2008116471A1] Disclosed is a method for quantifying analyte molecules in a sample comprising providing a substrate containing two or more reference re- gions containing different immobilised reference first binding partners and one or more analyte regions containing immobilised analyte first binding partner(s); applying a mixture containing reference second bind- ing partners and a sample suspected of containing analyte first or second binding partner(s), in which mixture the concentrations of the reference second binding partners are known; measuring the binding of the bind- ing partner(s) in the mixture to the corresponding immobilised analyte partner(s); and quantifying the concentration of analyte binding part- ner(s) in the sample, where the quantification is performed by correlat- ing the measurement of the binding of the analyte partners to the meas- urement of the binding of the reference binding partners. The method is useful for quantifying microcystin LR.

IPC 8 full level

G01N 33/543 (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2008116471A1

Citation (examination)

US 2004229226 A1 20041118 - REDDY M PARAMESWARA [US], et al

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