

Title (en)

MEASUREMENT OF TOTAL MOLECULE IN A SAMPLE AND METHODS BASED THEREON.

Title (de)

MESSUNG DER GESAMTZAHL VON MOLEKÜLEN IN EINER PROBE UND DARAUF BERUHENDE VERFAHREN.

Title (fr)

EVALUATION DE LA QUANTITE TOTALE D'UNE MOLECULE DANS UN ECHANTILLON ET PROCEDES BASES SUR CELLE-CI.

Publication

EP 0666987 A4 19970827 (EN)

Application

EP 93925154 A 19931029

Priority

- US 9310550 W 19931029
- US 96879392 A 19921030

Abstract (en)

[origin: WO9410571A1] The measurement of the total amount of a target molecule is used in the detection, diagnosis, determining the severity of and staging of a variety of diseases or disorders and the monitoring of therapy. The measurements of the total amount of a target molecule is accomplished by treating a sample containing cells, such as a body fluid, with a non-ionic detergent in a manner that makes available for binding to one or more binding partners the total amount of a target molecule present in the cell membrane, the cytoplasm of the cell and/or in the soluble compartments of the body fluid. Once the total target molecule is available, it is measured using any of a number of assay techniques, preferably by sandwich enzyme immunoassay. The methods of the present application may be used to detect and measure molecules associated with microbial pathogens, in particular intracellular pathogens such as Chlamydia, as well as erythrocyte blood group antigens, tumor antigens, cytokines and cell adhesion molecules, for diagnosis, enumeration of cells expressing such molecules, and other methods.

IPC 1-7

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Citation (search report)

- [AD] US 3932222 A 19760113 - DORN GORDON L
- [A] EP 0058616 A1 19820825 - FELLA CHRISTIAN PAUL [FR], et al
- [E] WO 9325572 A1 19931223 - SYNERGEN INC [US]
- See references of WO 9410571A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 9310550 W 19931029; AU 5457194 A 19931029; CA 2148219 A 19931029; EP 93925154 A 19931029; JP 51140094 A 19931029