Title (en)
METHODS OF DETECTING RESPONSES TO THERAPIES USING PERFORIN LEVELS

Title (de)
VERFAHREN ZUR ERKENNUNG DES ANSPRECHENS AUF THERAPIEN UNTER VERWENDUNG VON PERFORINSPIEGELN

Title (fr)
PROCÉDÉS DE DÉTECTION DE RÉPONSES À DES THÉRAPIES UTILISANT LES NIVEAUX DE PERFORINE

Publication
EP 2464741 A1 20120620 (EN)

Application
EP 10808602 A 20100809

Priority
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• US 2010044921 W 20100809

Abstract (en)

[origin: WO2011019670A1] Methods and kits for detecting positive responses to therapies, diagnosing a disease or condition, and detecting impending clinical relapse. The method may feature obtaining a sample from a patient and either detecting a percentage of perforin+ natural killer (NK) cells or detecting a level of perforin expression in the sample. Positive responses to the therapy may be detected if the percentage of perforins NK ceils is greater than or equal to about 75% of total NK ceils or if the level of perforin expression in the sample is within a ievel of perforin expression in a normal sample +/-25%. The disease or condition or impending clinical relapse may be detected if the level of perforin expression in the sample is less than a level of perforin expression in a normal sample minus about 25% or the percentage of perforin+ NK ceils is less than about 75% of total NK cells.

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