

Title (en)

METHOD FOR ANALYZING A BLOOD SAMPLE FOR A DISEASE

Title (de)

VERFAHREN FÜR DIE ANALYSE EINER BLUTPROBE AUF EINE ERKRANKUNG

Title (fr)

PROCÉDÉ D'ANALYSE D'UN ÉCHANTILLON DE SANG POUR DÉTECTER UNE MALADIE

Publication

**EP 4320437 A1 20240214 (DE)**

Application

**EP 22718983 A 20220330**

Priority

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Abstract (en)

[origin: WO2022214371A1] The present invention relates to a method for analyzing a blood sample from a human for a disease, especially a bacteria-based disease, comprising: - stimulating provided cells from the blood sample with bacterial antigens to induce at least one presence marker on T cells of the provided cells, - labeling at least one of the induced presence markers on T cells in the provided cells, which presence marker is specifically formed on T cells which recognized bacterial antigen during the stimulation, - labeling a first status marker and a further status marker on T cells in the provided cells that are specific for the activation status thereof, said status markers differing from one another and from the presence marker, - evaluating a first labeling event of the labeling steps by analysis of the frequency of T cells having a labeled first status marker and a labeled presence marker based on a reference value and making a comparison with a first combination limit, - evaluating at least one further labeling event of the labeling steps by analysis of the frequency of T cells having a labeled further status marker and a labeled presence marker based on a reference value and making a comparison with a further combination limit, - forming an overall result from the evaluated labeling events and comparing the overall result with an overall limit.

IPC 8 full level

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