

Title (en)

METHODS AND APPARATUS FOR BLOOD TYPING WITH OPTICAL BIO-DISCS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BLUTTYPISIERUNG MIT OPTISCHEN BIO-DISKS

Title (fr)

METHODE ET APPAREIL DE TYPAGE SANGUIN A L'AIDE DE BIO-DISQUES

Publication

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Application

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- US 35301402 P 20020129
- US 35377302 P 20020131
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- US 37904502 P 20020509

Abstract (en)

[origin: WO03043403A2] This invention relates to clinical diagnostic assays, related optical bio-discs, and a disc-reading apparatus. The invention is directed to methods and apparatuses for performing immunohematology assays using an optical bio-disc analysis system. The invention is further directed to an optical bio-disc for performing an immunohematologic assay including a substrate having encoded information associated therewith. The encoded information may be readable by a disc drive assembly to control rotation of the disc. The disc may also include at least one target zone or capture zone associated with the substrate. The target zone is disposed at a predetermined location relative to a center of the substrate. The disc further includes a capture antibodies immobilized within the target zone, a flow channel, fluidic circuit, or analysis chamber associated with the target zone, and an input site in fluid communication with the analysis chamber.

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CPC (source: EP)

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Citation (search report)

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- [LPX] WO 02059622 A1 20020801 - BURSTEIN TECHNOLOGIES INC [US]
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- See references of WO 03043403A2

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