

Title (en)
MAGNETIC PARTICLE-BASED IMMUNOASSAY AND METHODS OF USING THE SAME

Title (de)
IMMUNTEST AUF MAGNETPARTIKELBASIS UND VERFAHREN ZU DESSEN VERWENDUNG

Title (fr)
IMMUNODOSAGE À BASE DE PARTICULES MAGNÉTIQUES ET SES PROCÉDÉS D'UTILISATION

Publication
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Application
EP 18744906 A 20180126

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Abstract (en)
[origin: WO2018140719A1] The invention describes, in part, improved methods, assays, and kits for detecting analytes in biological samples with magnetic particles. The method comprises the steps of contacting a sample with a magnetic conjugate comprising a magnetic particle and a capture moiety configured to bind the analyte of interest in the sample; contacting the sample with a reporter conjugate comprising a reporter and a reporter binding moiety configured to bind the analyte of interest in the sample; binding the analyte of interest with the capture moiety and the reporter binding moiety; separating the analyte of interest from the sample by applying a magnetic field to the analysis chamber; and detecting the presence, absence, or level of the analyte of interest by detecting the reporter.

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Citation (search report)

- [X1] WO 2013189502 A1 20131227 - SCANDINAVIAN MICRO BIODEVICES APS [DK]
- [X1] US 2011065209 A1 20110317 - HEIL JAMES R [US], et al
- [X] US 2014170767 A1 20140619 - LEE KWAN HYI [KR], et al
- See references of WO 2018140719A1

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