

Title (en)

NUCLEIC ACID SAMPLE PREPARATION BY EXCLUSION OF DNA

Title (de)

HERSTELLUNG EINER NUKLEINSÄUREPROBE DURCH DNA-AUSSCHLUSS

Title (fr)

PRÉPARATION D'UN ÉCHANTILLON D'ACIDE NUCLÉIQUE PAR EXCLUSION D'ADN

Publication

**EP 2170922 A1 20100407 (EN)**

Application

**EP 08768775 A 20080625**

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Abstract (en)

[origin: WO2009002511A1] Devices and methods are provided for separation of nucleic acids from waste materials in a biological sample, and then reacting the separated nucleic acids. In some embodiments, the methods comprise mixing a cell lysate having nucleic acids and waste materials with a waste-binding matrix to capture the cellular waste materials from the lysate. The waste-binding matrix can comprise hydrophilic and/or hydrophobic size- exclusion, ion-exchange particles. In some embodiments, the device comprises a substrate comprising a fluid processing pathway in which nucleic acid sample preparation occurs prior to a downstream genotyping reaction.

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