

Title (en)
METHOD FOR ISOLATING AND PURIFYING NUCLEIC ACIDS

Title (de)
VERFAHREN ZUM ISOLIEREN UND REINIGEN VON NUKLEINSÄUREN

Title (fr)
PROCÉDÉ D'ISOLEMENT ET DE PURIFICATION D'ACIDES NUCLÉIQUES

Publication
EP 2324115 A1 20110525 (DE)

Application
EP 09811122 A 20090902

Priority

- EP 2009061358 W 20090902
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Abstract (en)
[origin: EP2163621A1] Washing nucleic acids immobilized on surfaces, comprises contacting the nucleic acids with a washing buffer, which contains less than 24 vol.% of 1-3C alcohol and at least one other solvent, which is alkanediols and 2-6C alkanetriols, monocarboxylic acid ester and 2-6C-dicarboxylic acid diester in the acid part and -1-4C in the alcohol part, (poly)ethylene glycol and its ether- and ester-derivatives, where poly indicates 2-200 repetitive ethylene glycol units: poly(2-ethyl-2-oxazoline) and poly(4-styrene-sulfonic acid-co-maleic acid) sodium salt solution. Independent claims are included for: (1) a method (1a) for extracting nucleic acids from a solution, comprising adding a binding mediator to the nucleic acid containing solution, contacting the solution of the binding mediator and the nucleic acid containing solution with a surface under chaotropic and/or high-salt-condition, binding and/or adsorbing nucleic acids to a surface, washing the surface by the above method, and recovering nucleic acids, which are adsorbed on the surface, by elution; and (2) a reagent kit comprising a solution (A) comprising a washing buffer.

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CPC (source: EP US)
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Citation (search report)
See references of WO 2010026167A1

Citation (examination)
WO 2008071384 A1 20080619 - ROCHE DIAGNOSTICS GMBH [DE], et al

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