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(54) Title: PURIFICATION OF NUCLEIC ACIDS IN A MICROFLUIDIC CHIP BY SEPARATION

(57) Abstract: A system may include a horizontal actuator to move a tray, to which a microwell plate and a microfluidic chip may be coupled. The system may include a vertical actuator to move a support arm, to which a plurality of pipettes or pipette tips may be coupled. The system may include a rotational actuator to move an angle bracket, to which a magnet may be coupled. The system may include a heater, through which the pipettes may extend. The system may include a pump to control the flow of fluids through the pipettes.



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