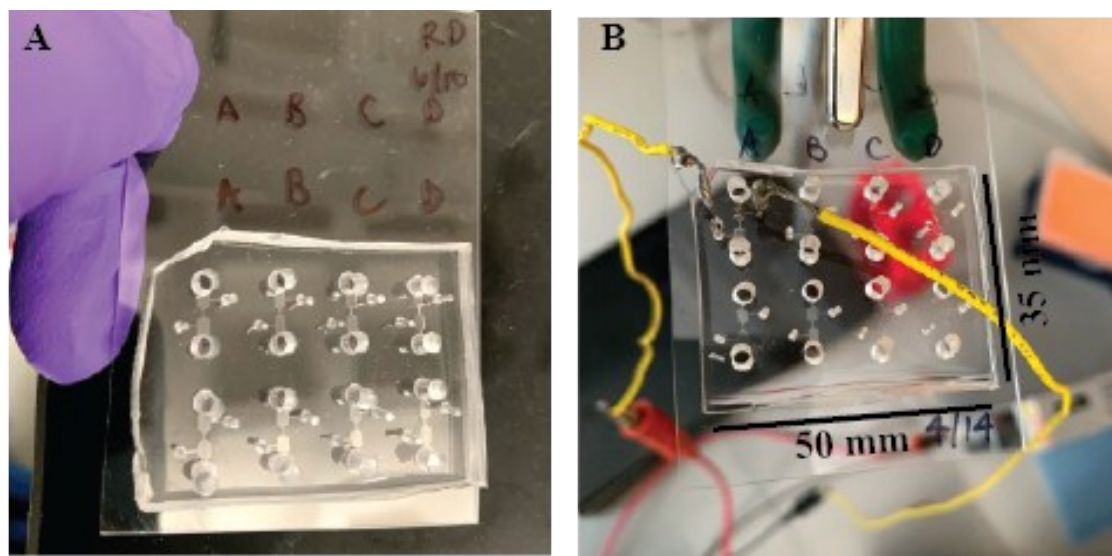


Synergistic Use of Electroosmotic Flow and Magnetic forces for Nucleic Acid Extraction

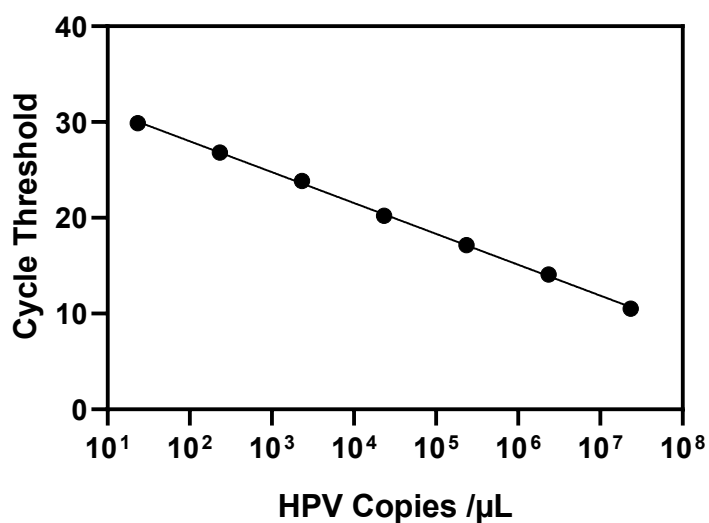
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Electronic Supplementary Information

SI Figure 1: A photograph of the microchip used in this study. A) Shows microchip at an angle to display channels while B) has electrodes set for run



SI Figure 2: Calibration curve used for HPV concentration versus PCR ct value.



PCR Cycling Conditions:

95°C	5 minutes	
95°C	5 seconds	Cycle 40x
54°C	10 seconds	
72°C	30 seconds	