


magnetiQ[®] Universal Pathogen DNA/RNA Extraction Kit

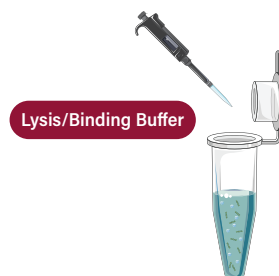
Quick Start Guide

 Before first use add ethanol to wash buffers as per label instructions. Before extraction mix bottles well by inverting upside down several times.

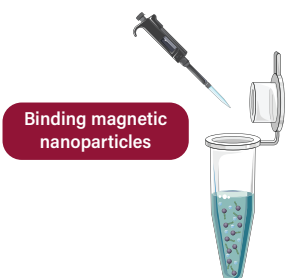
1 In 1.5ml microfuge tube, add 100µl–200µl of sample (swabs, serum/plasma, whole blood, cerebrospinal fluid (CSF), stool, sputum, exudate, urine, or saliva).



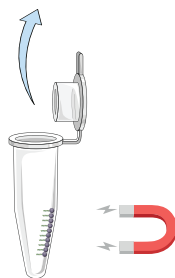
2 Add 600µl of Lysis/Binding Buffer. Mix well by pipetting up-down 10–15x. Incubate for 5 mins.



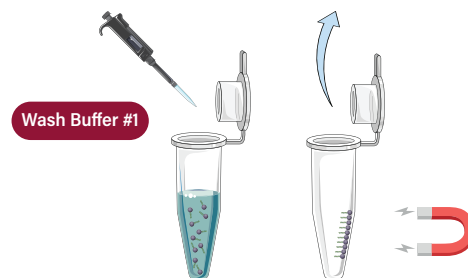
3 Add 30µl of binding magnetic nanoparticles. Mix well by pipetting up-down 10–15x. Incubate for 5 mins.



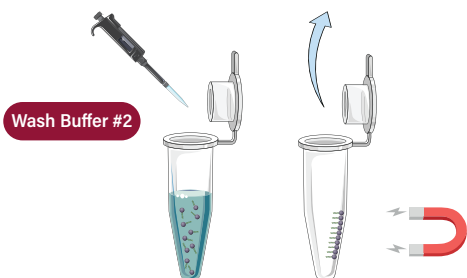
4 Place tube on magnetic rack for 1–2 mins to capture DNA/RNA-bead complex, then discard supernatant.




5 Remove tube from magnetic rack and resuspend DNA/RNA-bead complex in 600µl of Wash Buffer #1. Return to magnetic rack for 1–2 mins, then discard supernatant.



6 Repeat wash with 600µl of Wash Buffer #2, return to magnetic rack for 1–2 mins, then discard supernatant and leave to dry for 1 min.



7 Remove tube from magnetic rack and resuspend DNA/RNA-bead complex in 50–100µl of Elution Buffer. Mix well by pipetting up-down 15–20x to elute DNA/RNA from beads and let stand for 1–2 mins.

 Optional: elute at 60°C for improved yield.



8 Place tube on magnetic rack to separate beads (~1–2 mins). Transfer clean DNA/RNA solution (supernatant) to clean tube.

