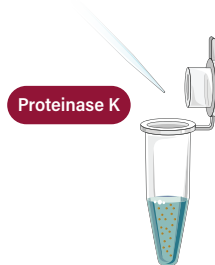


magnetiQ
**Blood & Cell DNA
 Extraction Kit**

Quick Start Guide

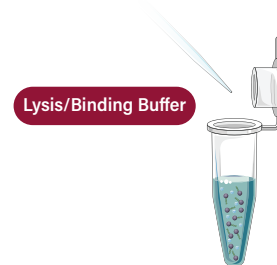
1 In 1.5ml microfuge tube, add 20µl of **Proteinase K**. Then add 200µl of whole blood sample or 200µl of cell suspension¹ in 1x PBS.

¹ Up to 1×10^6 cells in 100µl

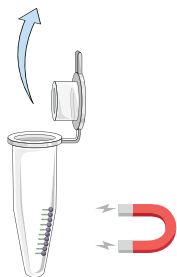


2 Add 700µl of **Lysis/Binding Buffer** and mix well by pipetting up-down 20x.

Incubate 5 mins at room temp (20-25°C) to allow for lysis and DNA binding.

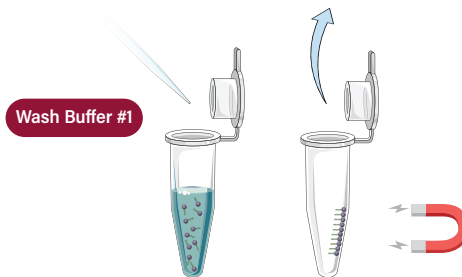


3 Place tube on magnetic rack for 5 mins to capture DNA-bead complex, then discard supernatant.

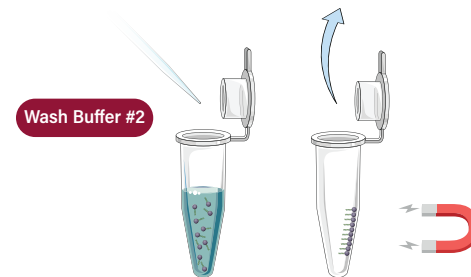


4 Remove tube from magnetic rack and **resuspend DNA-bead complex in 600µl of Wash Buffer #1**. Mix well by pipetting up-down 10-15x.

Return to magnetic rack for 5 mins, then discard supernatant.

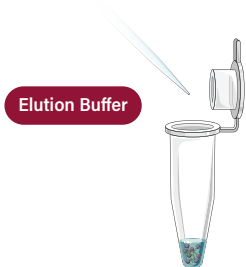


5 Repeat wash with 600µl of **Wash Buffer #2**, return to magnetic rack for 1-2 mins, then discard supernatant and leave to dry for 1 min.

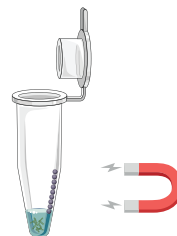


6 Remove tube from magnetic rack and **resuspend DNA-bead complex in 50-100µl of Elution Buffer***. Mix well by pipetting up-down 15-20x to elute DNA from beads and let stand for 1-2 mins.

* Recommended elution is 50-100µl for blood sample and 100µl per 1×10^6 cell suspension sample



7 Place tube on magnetic rack to capture beads (~1-2 mins).



8 Transfer the eluted DNA solution (supernatant) to a clean microfuge tube.

