
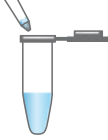



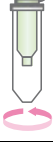
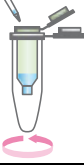


| Step   | FastGene® RNA Virus Kit  |
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| 1. <b>Sample quantity</b>                                | Transfer up to 300 µl of sample (swab-storage media, cell free fluid, cell culture supernatant, plasma , serum, urine) in 1,5 ml microcentrifuge tube  |
| 2. <b>Resuspension/<br/>homogenisation by cell lysis</b> |  <p>Add 500 µl buffer ViL and vortex 15 sec.<br/>Incubate the lysate for 10 min at RT.</p>  |
| 3. <b>Optimize RNA binding conditions</b>                |  <p>Add 700 µl buffer ViB and vortex 15 sec.</p>  |
| 4. <b>RNA binding</b>                                    |  <p>Load up to 750 µl mix onto the FastGene® Column Vi.<br/>Centrifuge at &gt;10.000 x g 30 s at RT<br/>(Repeat Step 4 till whole Sample is loaded)</p>                                       |
| 5. <b>Protein elimination</b>                            |  <p>Add 500 µl of buffer ViW1<br/>Centrifuge at &gt;10.000 x g 30 s at RT<br/>Transfer column into the same collection tube</p>   |
| 6. <b>Desalination</b>                                   |  <p>Add 500 µl of buffer ViW2<br/>Centrifuge at &gt;10.000 x g 30 s at RT<br/>Transfer column into the same collection tube</p>   |
| 7. <b>Removal of RW2</b>                                 |  <p>Centrifuge at full speed<br/>1 min at RT<br/>Transfer spin column to new 1.5 ml collection tube</p>   |
| 8. <b>Elution of RNA</b>                                 |  <p>Add 30 – 50 µl of nuclease free water to the center of the membrane in the FastGene® Column Vi. Incubate at room temperature for 1 minute<br/>Centrifuge at &gt;10.000 xg 1 min at RT</p> |