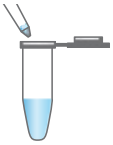
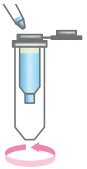
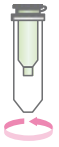
Step	FastGene® RNA Virus Kit
1. Sample quantity	Transfer up to 300 µl of sample (swab-storage media, cell free fluid, cell culture supernatant, plasma , serum, urine) in 1,5 ml microcentrifuge tube
2. Resuspension/ homogenisation by cell lysis	 Add 500 µl buffer ViL and vortex 15 sec. Incubate the lysate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