RNA isolation procedure

1. When using plasma, serum, saliva, urine or other biological liquid, add 100 µl of **Solution A** to 100 µl sample and vortex gently. When using cellular suspension, swab collection medium or other sample that contains any RNA stabilization reagent, use directly 200 µl and start in the next step.
2. Add 400 µl of **Solution B** and vortex gently.
3. Add 60 µl of **Solution C** and 700 µl of **Solution D**.
4. Shake slightly by inverting the tube several times until a homogenous solution is observed.
5. Centrifuge at 17000 g (13500 rpm) for 10 minutes at room temperature.

   Note: *Usually, a little pellet forms.*
6. Discard the supernatant with care.
7. Add 500 µl of **Solution E**.
8. Centrifuge at 17000 g (13500 rpm) for 5-10 minutes at room temperature.
9. Discard the supernatant with care (*) and place the tube (containing the pellet) open for 5-10 minutes to dry the pellet.

   (*)Pellet is easily removable from the bottom of the tube, so supernatant must be discarded very carefully to avoid sample loss. Use a filter tip per sample to avoid cross-contamination.
10. Add 30-50 µl of **Solution F** and pipet up and down carefully to resuspend the pellet.
11. Use immediately or store at 4°C (if used during the next 48 hours) or at -20°C for longer storage.