Protocol (RSC simplyRNA Cells Kit and Maxwell RSC simplyRNA Tissue Kit)

What you need:

* Samples in homogenization buffer (or RNA later or nothing if flash frozen)
  + Ice
  + Nuclease Free Water
  + .5ml tubes
  + Homogenizer
* Promega Items:
  + DNase Solution
  + Blue Dye
  + Cartridge
  + Plunger

Reagent Prep

1. Add 50ul of Nuclease free water to .5 ml elution tubes
2. Add 275ul of Nuclease free water to vial of lyophilized DNase I. Cap and invert to rinse DNase from the underside of the cap.
3. Swirl the vial gently to mix then add 5ul of Blue Dye to the reconstituted DNase I
4. Open the cartridge carefully
5. Add 5ul of DNase solution (w/ Blue Dye) to well #4 of the cartridge (the result will be a well w/ green solution)

Sample Prep

1. Add 200ul of lysis buffer and vortex vigorously for 15 sec
2. Transfer entire sample+ lysis buffer to well # 1 in the cartridge (the largest well
3. Load Cartridge into the Maxwell tray
4. Follow the instructions in front of the machine