RNA concentration by precipitation				
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Material

- 3 M Sodium Acetate pH 5.2; RNase-free, autoclaved
- Ethanol, abs., p.a.
- RNAse-free H₂O (e.g. autoclaved in the presence of 0.1% Diethylpyrocarbonat [DEPC])
- 75% ethanol, p.a. (ethanol, abs., pa., diluted with DEPC-treated H₂O)

Procedure

- 1. If necessary, RNA may be concentrated by addition of 1/10 vol. 3 M Sodium acetate pH 5.2 and 2.5 vol. ethanol. Mix and place on ice for 20 min.
- 2. Centrifuge for 5-15 min (depending on the initial volume) with v_{max} at room temperature (RT).
- 3. Completely remove supernatant, wash with 100-500 μ I (depending on the initial volume) 75% ethanol and centrifuge for 5 min with v_{max} at RT.
- 4. Dissolve RNA precipitate in an appropriate volume of RNase-free H₂O.
- 5. Determine RNA concentration as recommended in the chapter "RNA quality and quantity control".
- 6. Distribute appropriate volumes in Eppis for later use in chip analyses. Store at -80°C.

Version	Tracking of changes	Name	Date