

## cDNA RT reactions

1. Pipette 10  $\mu\text{L}$  of 2 $\times$ RT master mix into each well of a 96-well reaction plate or individual tube.
2. Pipette 10  $\mu\text{L}$  of RNA sample into each well, pipetting up and down two times to mix.
3. Seal the plates or tubes
4. Briefly centrifuge the plate or tubes to spin down the contents and to eliminate any air bubbles.
5. Place the plate or tubes on ice until you are ready to load the thermal cycler
6. Program the thermal cycler conditions

Step 1	Step 2	Step 3	Step 4
25	37	85	4
10 min	120 min	5 min	$\infty$

7. Set the reaction volume to 20  $\mu\text{L}$
8. Load the reactions into the thermal cycler.
9. Start the reverse transcription run