How to set up a qPCR experiment on the Viia7

1. Spin down your <u>transparent</u> 384–well plate and put a sealer.
2. On the touch screen Viia7 machine press "Power" at the bottom left then "Eject" on the bottom right.
3. Place the plate with well A1 at the top left corner. Press "Eject".
4. On the Viia7 software's main menu, click **Experiment Setup**.

5. Complete the information page:
   - The name and date of your project
   - 384-well Block
   - Standard Curve or Comparative CT (ΔΔCt)
   - TaqMan or SYBR
   - Fast (if using plates from the platform)


6. In the left menu, click **Define**.
7. Enter the name of your genes. Click on "New" to add.
8. Enter the name of your samples. Click on "New" to add.
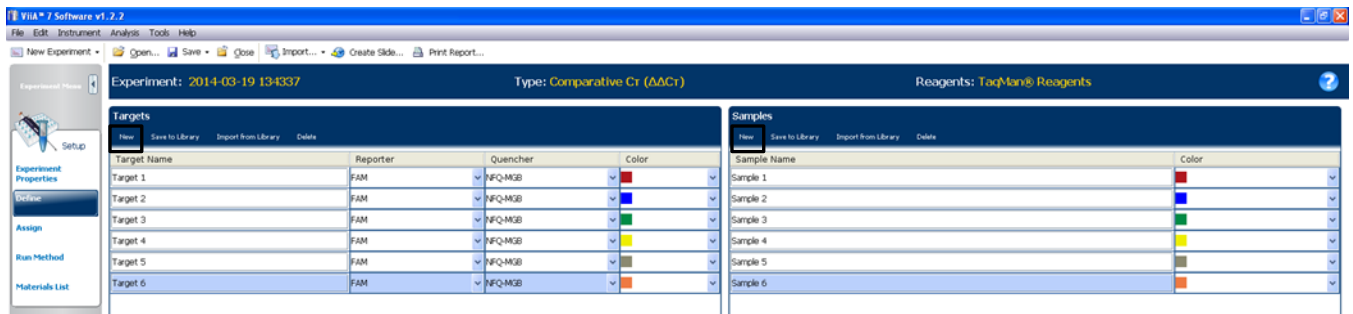
9. In the left menu, click **Assign**.
10. Assign each sample and each gene by selecting their corresponding wells.
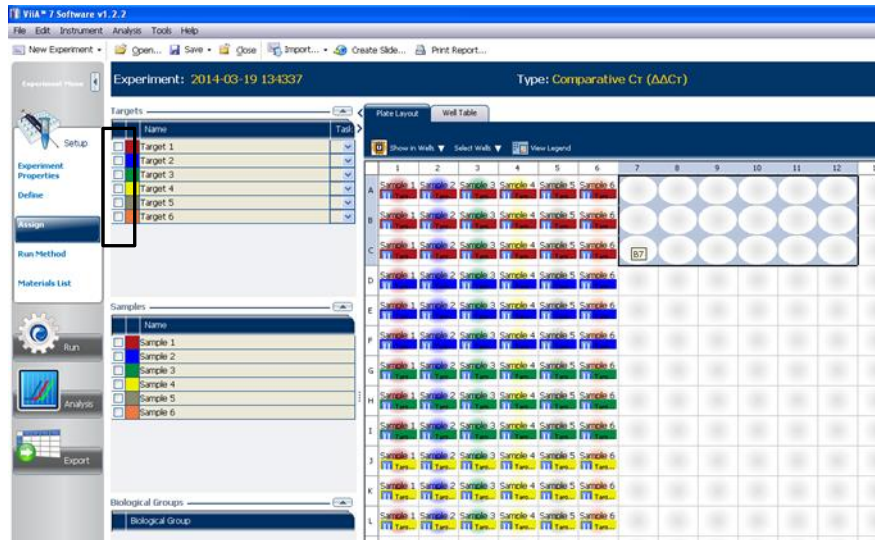
11. If using a specific protocol, click **Run Method** in the left menu and change the parameters manually. Otherwise, do not modify the program.
12. Save the file on the hard disk. Create a folder under your name :
    - D: \ Applied Biosystems \ Viia7 Software v1.2 \ experiments
13. In the left menu, click **Run**, and then click the green **Start Run** button.
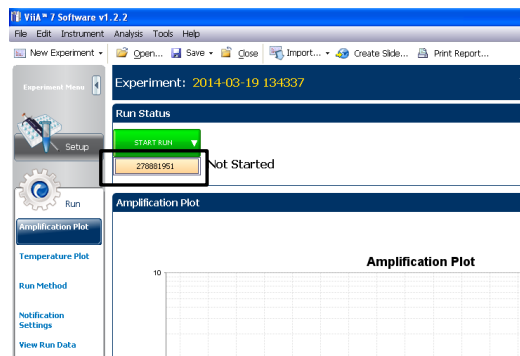
14. Vous pouvez transférer votre fichier du dossier D:\ à votre dossier sur le P:\