

Import of Olerup QTYPE11® run template using ViiA™ 7 with ViiA 7 v1.2.x Software

BACKGROUND

This is a brief guide on how to import the Olerup QTYPE run template to setup the Applied Biosystems ViiA 7 instrument for the Olerup QTYPE11 kit using the ViiA 7 Software v1.2.x.

INSTRUMENT STARTUP AND LOGIN

1. Switch on the instrument
2. Start the ViiA 7 software

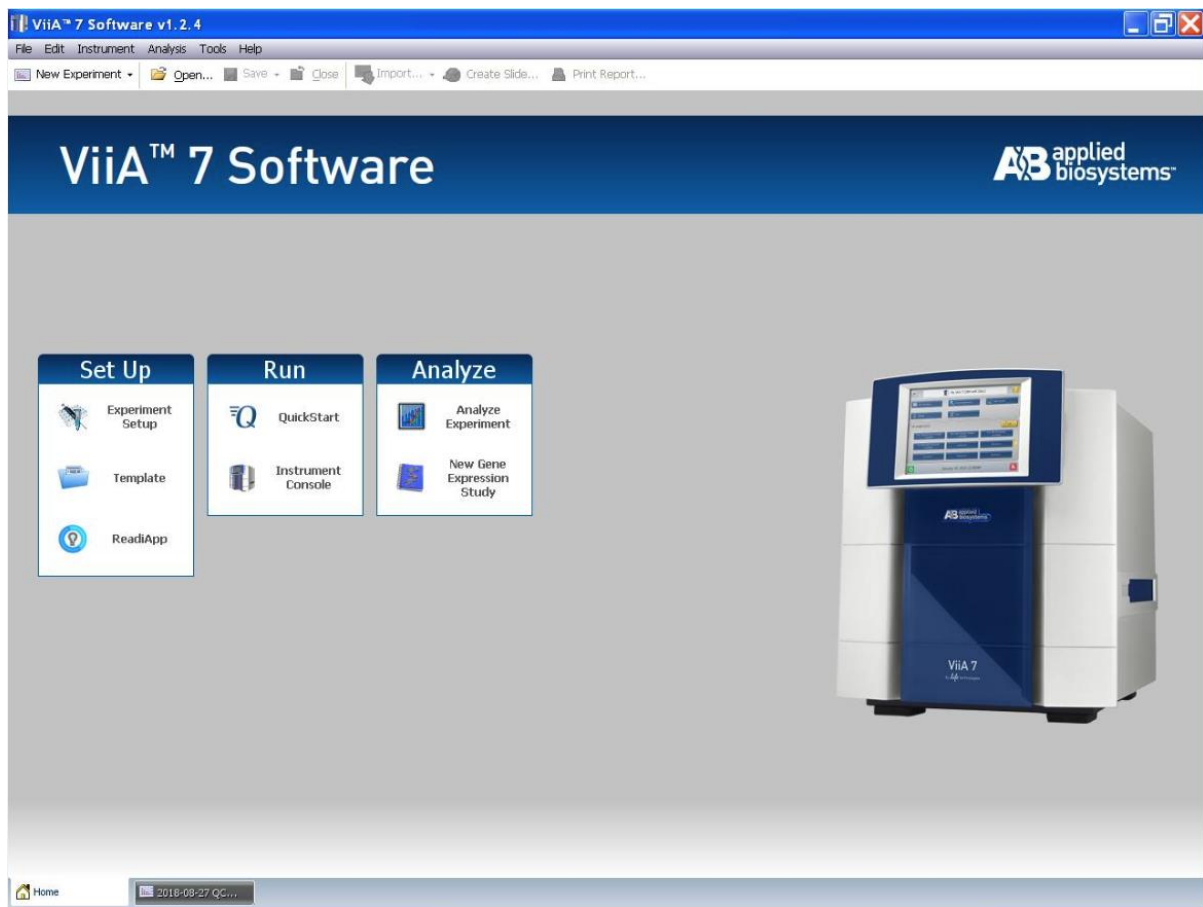


Figure 1: The ViiA 7 Software start screen.

IMPORT THE OLERUP QTYPE PROTOCOL RUN TEMPLATE

1. From the main screen (Figure 1) click on the “Open” button.



Figure 2: Open the Olerup QTYPE template.

2. Locate the Olerup QTYPE run template on the computer and select open

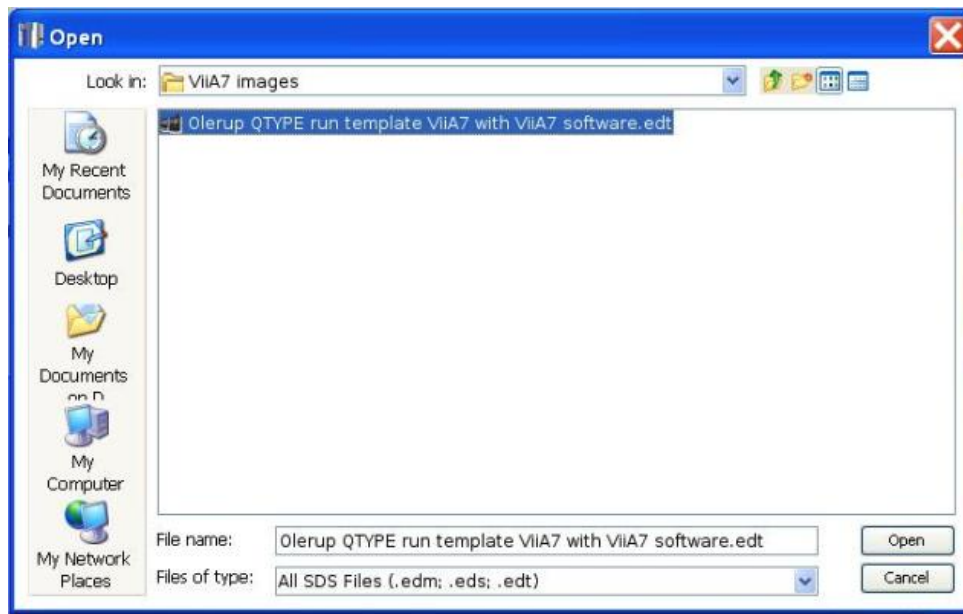


Figure 3: Locate and open the Olerup QTYPE template.

3. Navigate to 'Export' (menu is on the left side of the screen)
4. After each run, the software will auto-export the Olerup QTYPE results into a predefined folder at the end of each run in a format that SCORE 6 will recognize. Click on 'Browse' and select the folder to export the raw data to.



Figure 4: The export settings are predefined. The user shall define the folder to which to export the raw data

5. Verify the following settings:
 - a. Format should be set to ViiA 7
 - b. 'Auto Export' should be active
 - c. 'Export Data To' should be set to One File
 - d. 'Open file(s) when export is complete' should be deactivated
 - e. 'File Type' should be set to .txt
 - f. On the various tabs, only 'Raw Data' should be selected

6. To save these changes to the template, click on the arrow behind the 'Save' icon and select 'Save as template'.



Figure 5: Save the Olerup QTYPE run template.

7. Navigate to the folder where the templates are installed. There is a subfolder for each instrument. Save the template in the folder of the instrument type that is being used (C:\Program Files (x86)\Applied BioSystems\QuantStudio Real-Time PCR Software\templates). Ensure the template is easily identifiable *ie* Olerup QTYPE run template.

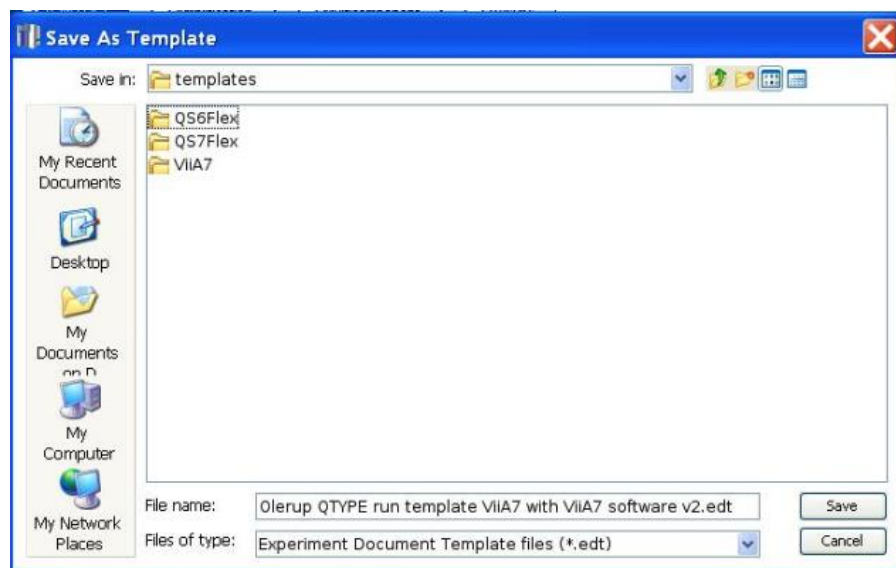


Figure 6: Select the correct folder to which to save the template.

START RUN FROM SAVED TEMPLATE

1. To start a run from the saved Olerup QTYPE template, click on the arrow behind “New experiment” on the start screen and select ‘New experiment from template’.



Figure 7: Create a new experiment from the Olerup QTYPE run template.

2. Select the Olerup QTYPE template.
3. Name the run file accordingly. Ensure to include the kit lot number as well as an instrument identifier in case the laboratory uses several real-time instruments for Olerup QTYPE.
4. Navigate to the ‘Run’ screen and start the instrument run

QUICKSTART OLERUP QTYPE RUN

1. Load the plate on the instrument
2. Open the ViiA 7 Software
3. Under the 'Run' menu, select 'QuickStart'



4. Actively select the instrument by clicking on it



5. Name the experiment, ensure to include:
 - Sample name
 - Kit lot number
 - Instrument identifier in case several instruments are used
6. Choose the location to save the raw data

7. Browse to the correct location and select the 'Olerup QTYPE Run Protocol' under 'Select Experiment Template'

8. Start the run
9. The data will auto-export to the pre-defined folder