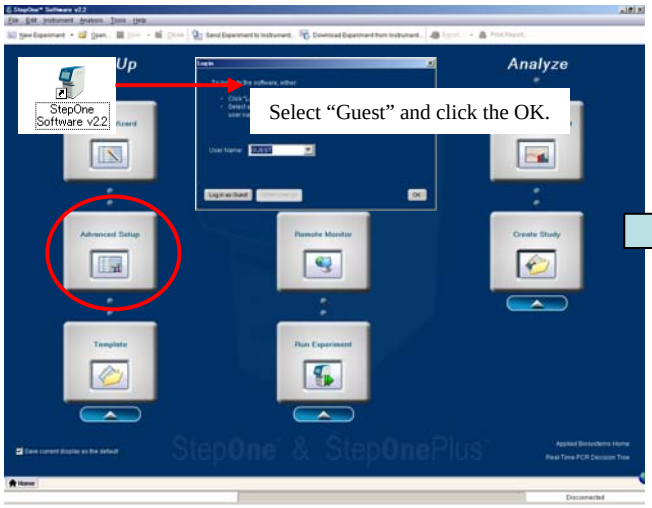
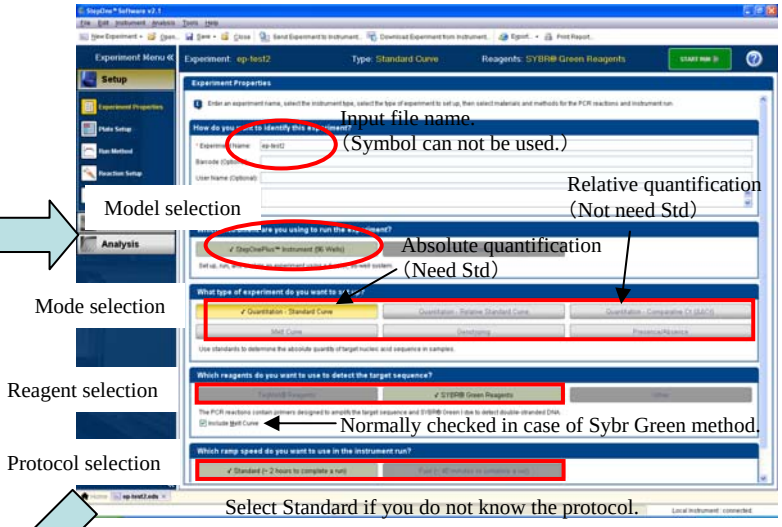
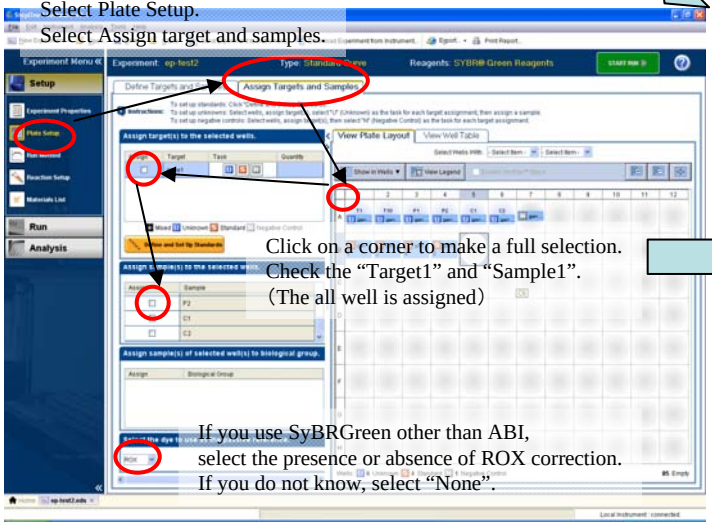
How to use STEP ONE Plus -Quick start-

Turn on the PC.
Login to Windows. (Administrator / no password)
Launch the StepOne Software v2.2.







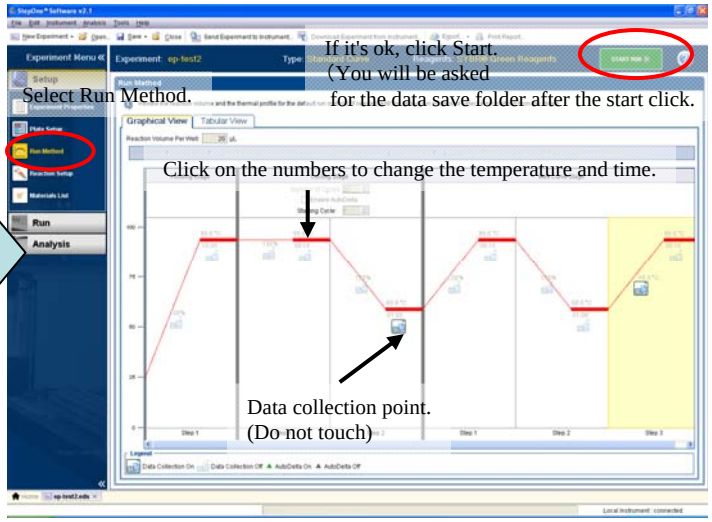
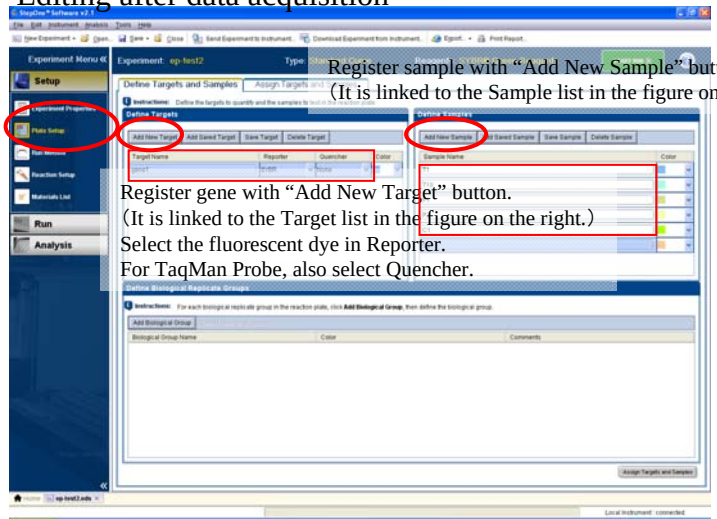
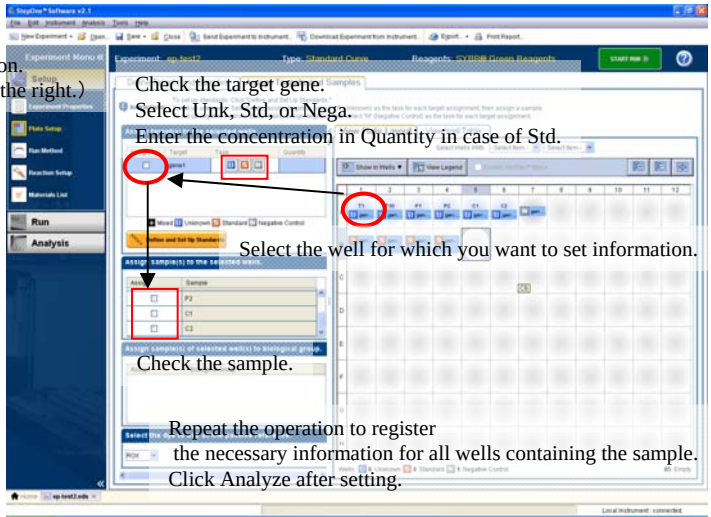


Plate Setup information can be edited after data acquisition.
Give priority to starting.

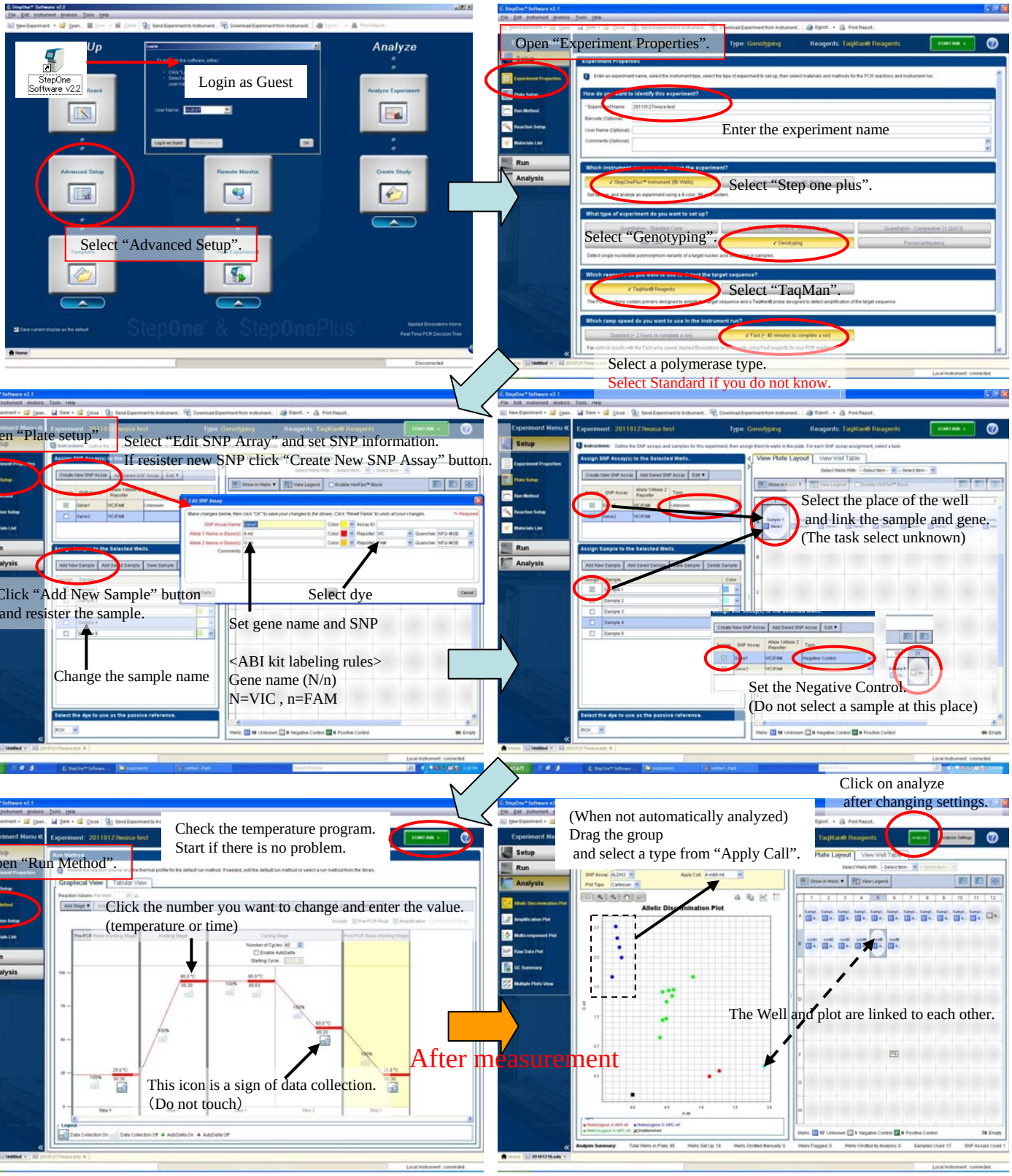
Editing after data acquisition





How to use STEP ONE Plus

Genotyping with TaqMan



Memo

Use export if you want to use the data in Excel or Power Point.

Right-click on plot or plate layout and select Save as, you can save the figure with Jpeg.

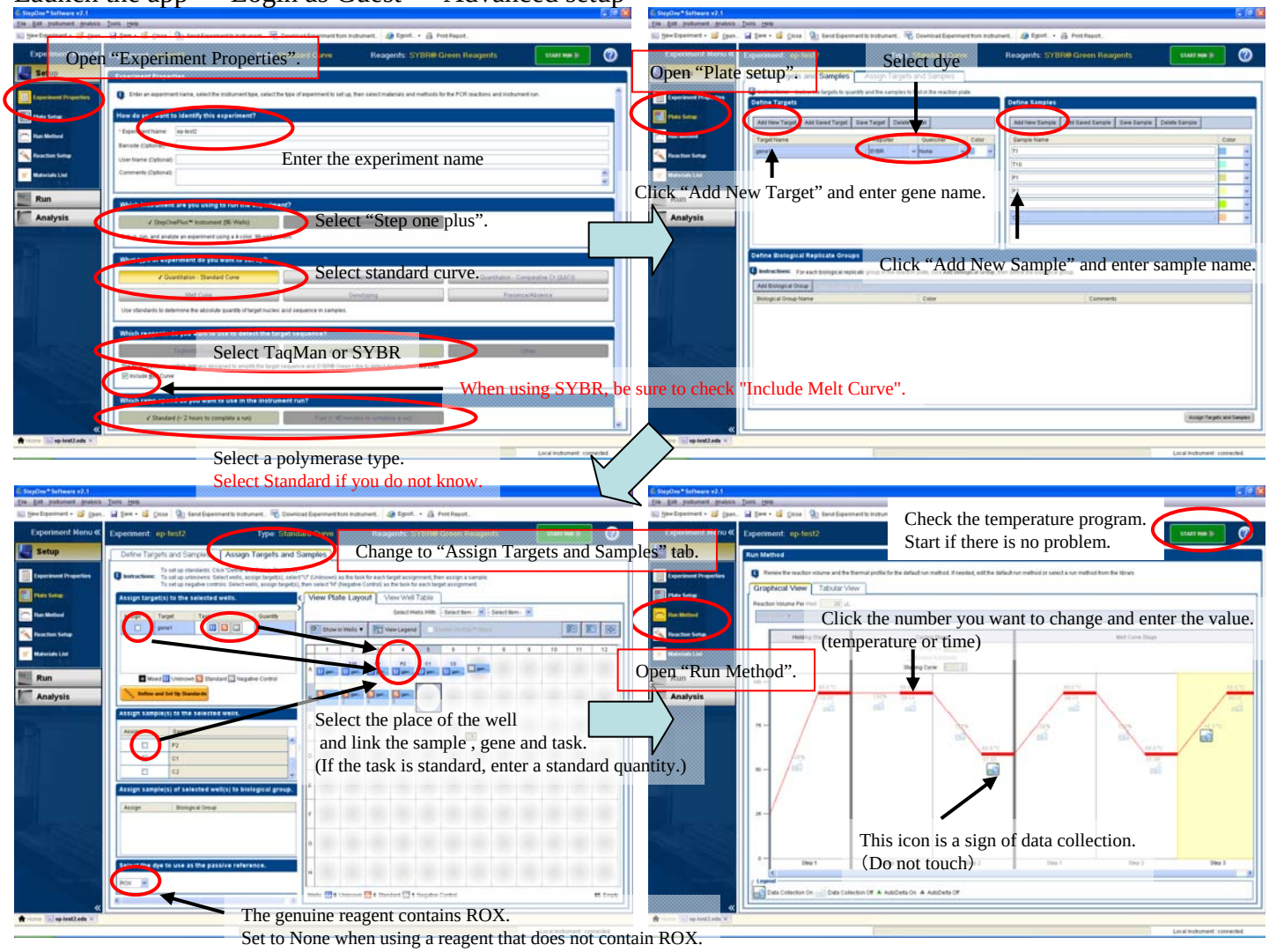
If you want to reproduce the View Well Table, right click on the upper left of A1, select Copy, and paste in Excel.

How to use STEP ONE Plus

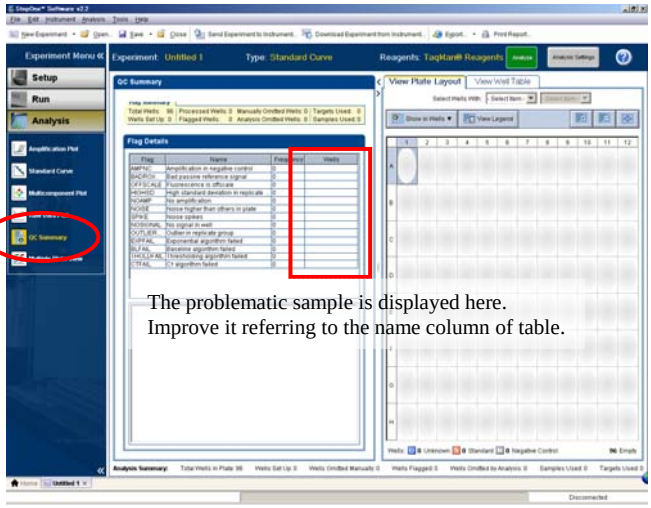
Absolute quantitative method (Standard curve method)

Use a sample of known absolute amount for standard curve preparation.
Prepare dilution series of known amount samples and use as standard sample.

Launch the app → Login as Guest → Advanced setup



I can not explain the analysis.



How to create template file.

1. Open the file after measurement.
2. Create a template file by the following operation.
   File – Save as template
3. Close the file after measurement.
4. Open the created template file.
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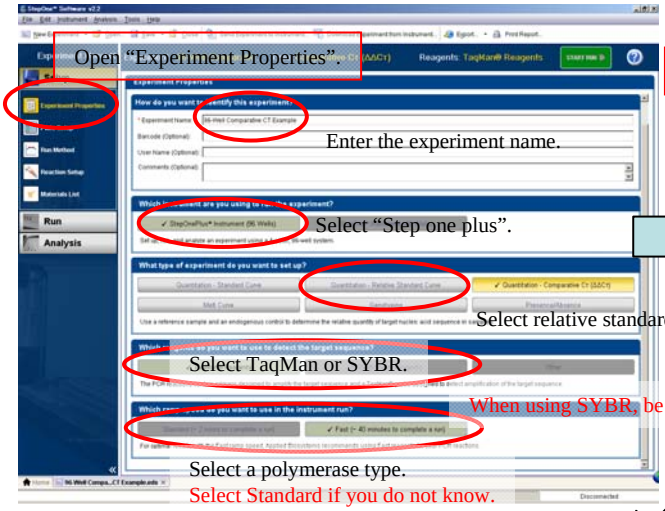
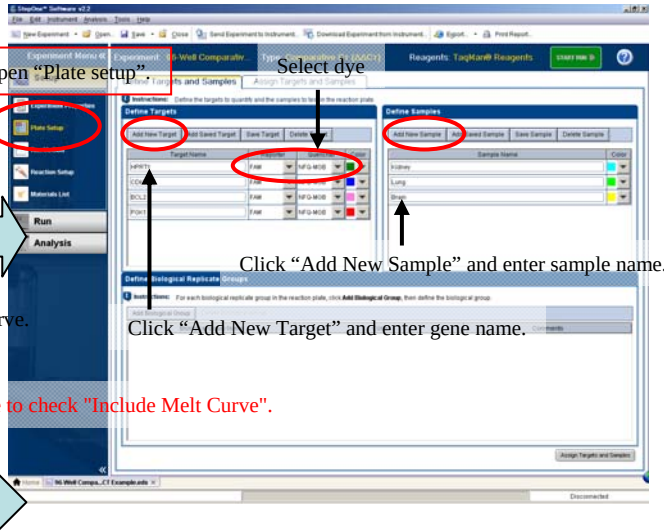
How to use STEP ONE Plus

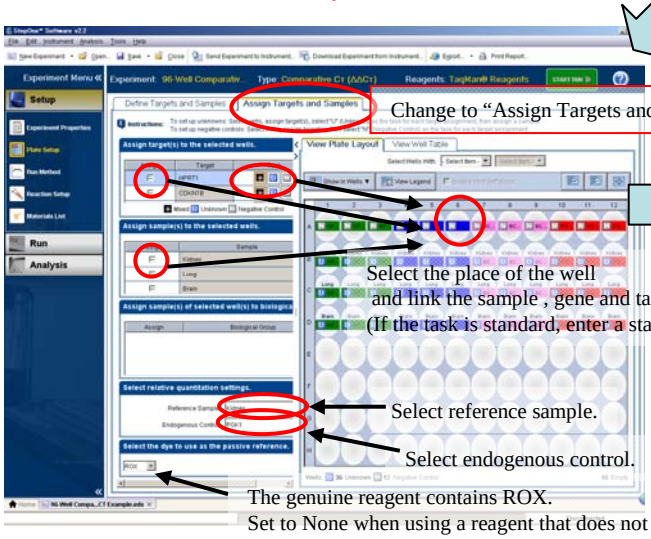
Relative quantification method (Standard curve method)

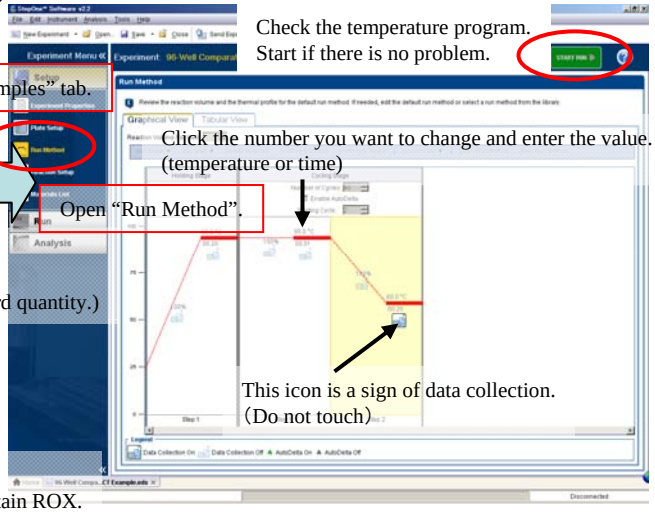
The sample with the highest concentration is selected as the standard sample.
Prepare a low standard sample by diluting the standard sample.
After creating a standard curve,
calculate the relative values of target and endogenous control.
(Target / E-Control)
Recalculate the sample specified in reference as 1.

Launch the app → Login as Guest → Advanced setup









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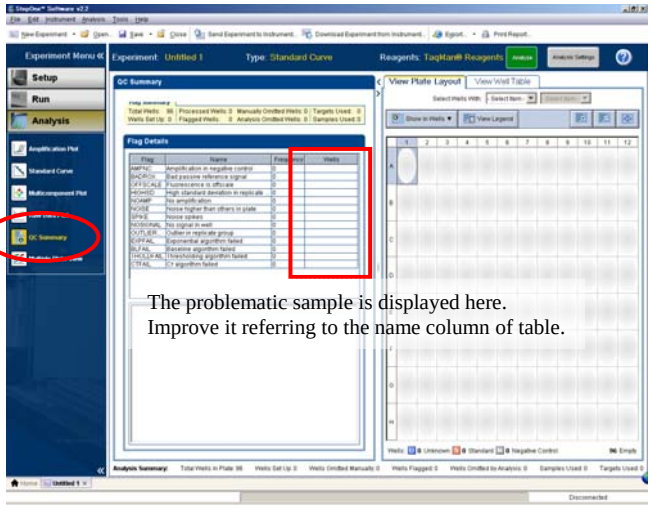

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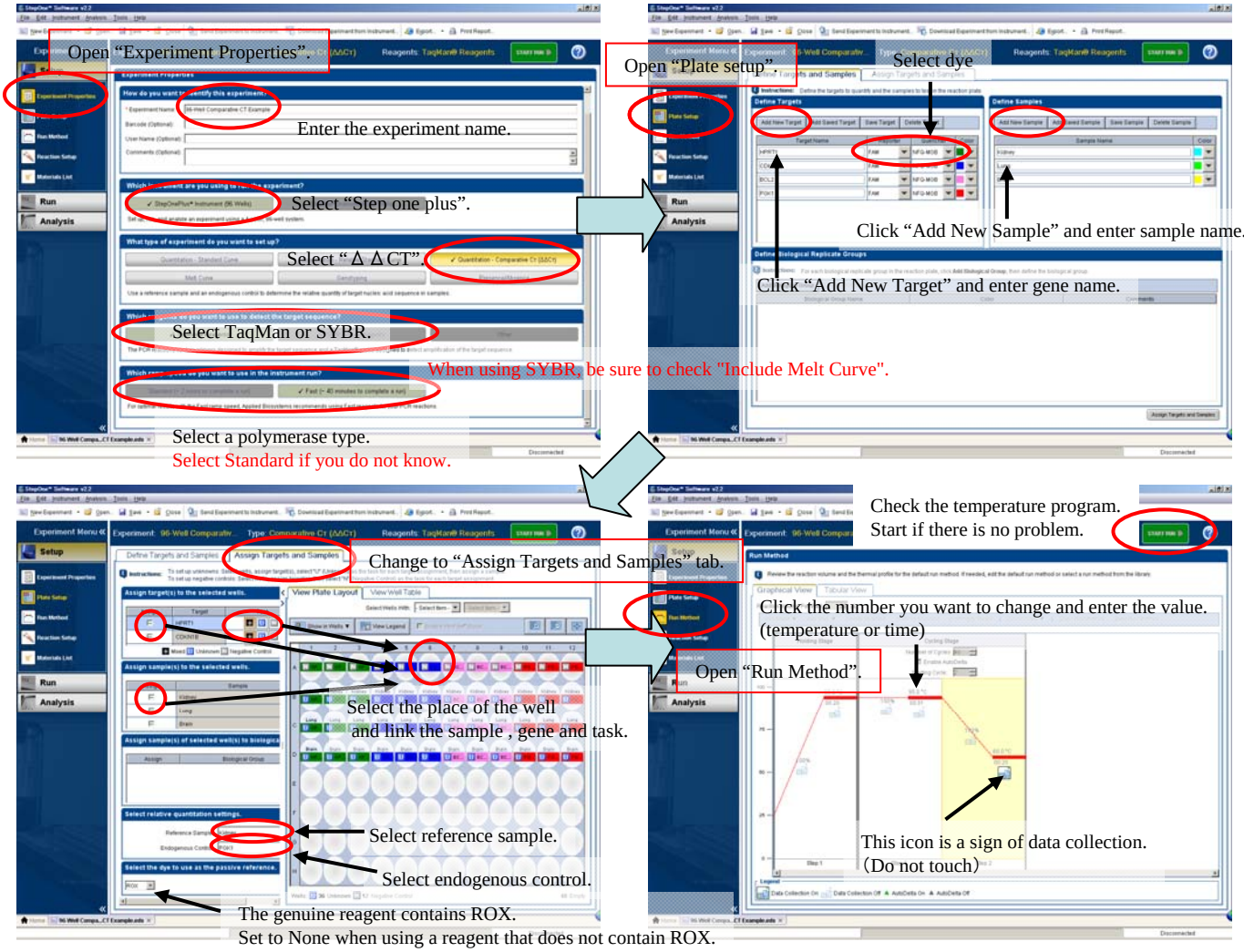
How to use STEP ONE Plus

Relative quantification method

(ΔΔCT method without the need for calibration curve)

Launch the app → Login as Guest → Advanced setup

Conditions for using ΔΔCT method
・PCR efficiency of target and endogenous control should be almost the same.
・PCR efficiency should be almost 100%.



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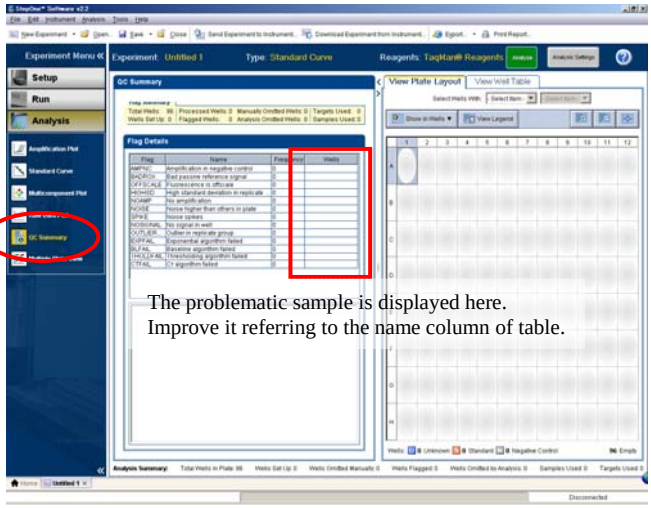

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