

Seegene Viewer

SWSVRCAI01

Installation & User Guide

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	Official Website	www.seegene.com

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1. Introduction

1.1 General information

- Product name: Seegene Viewer
- Manufacturer: Seegene Inc
- Manufacturer's country: Republic of Korea
- Device Identifier No.: SWSVRCAI01

1.2 System requirements

- 300MB of available hard-disk space
- 2GB of RAM
- 1024 X 768 or higher resolution display
- Supported operating systems: Microsoft Windows Vista, Microsoft Windows 7, Microsoft Windows 8, and Microsoft Windows 10

1.3 Intended use

Seegene Viewer is an application to operate In Vitro Diagnostic (IVD) equipment by trained laboratory technicians. And, this is a software that helps users to view data generated from a Real-time PCR instruments under Microsoft Windows environment. And it can also collect and analyze data generated by the associated device.

1.4 Troubleshooting

If a problem occurs while using the Seegene Viewer, please run the program again. Nevertheless, if the problem persists, you should contact the person in charge or your agency.

Note: This Seegene Viewer is for Emergency use authorization only in Canada.

2. Installation

- Alert: Before installing this software, activate security programs such as anti-virus software or firewall on your PC.

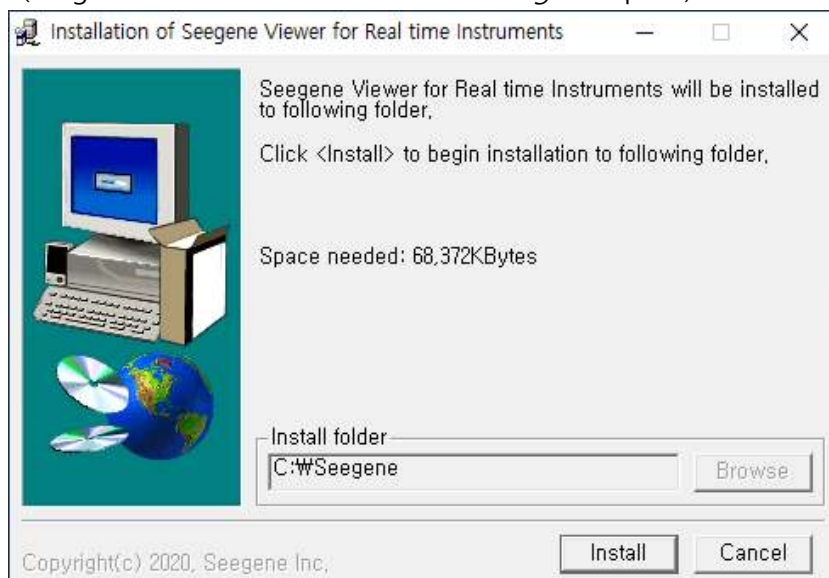
2.1 Run the '**Seegene Viewer**' installation file(.exe).

2.2 Click the '**Next**' button.

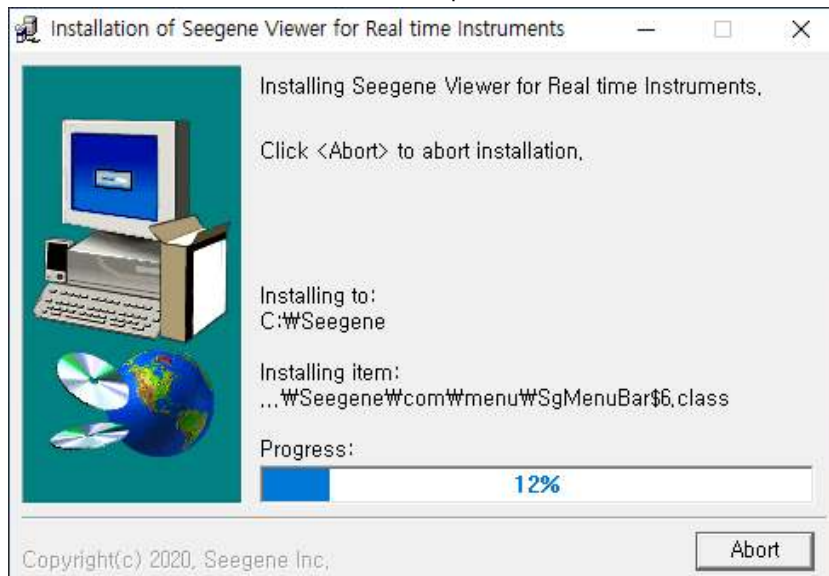


2.3 Click the '**Install**' button.

(Seegene Viewer is installed in the *C:#Seegene#* path.)



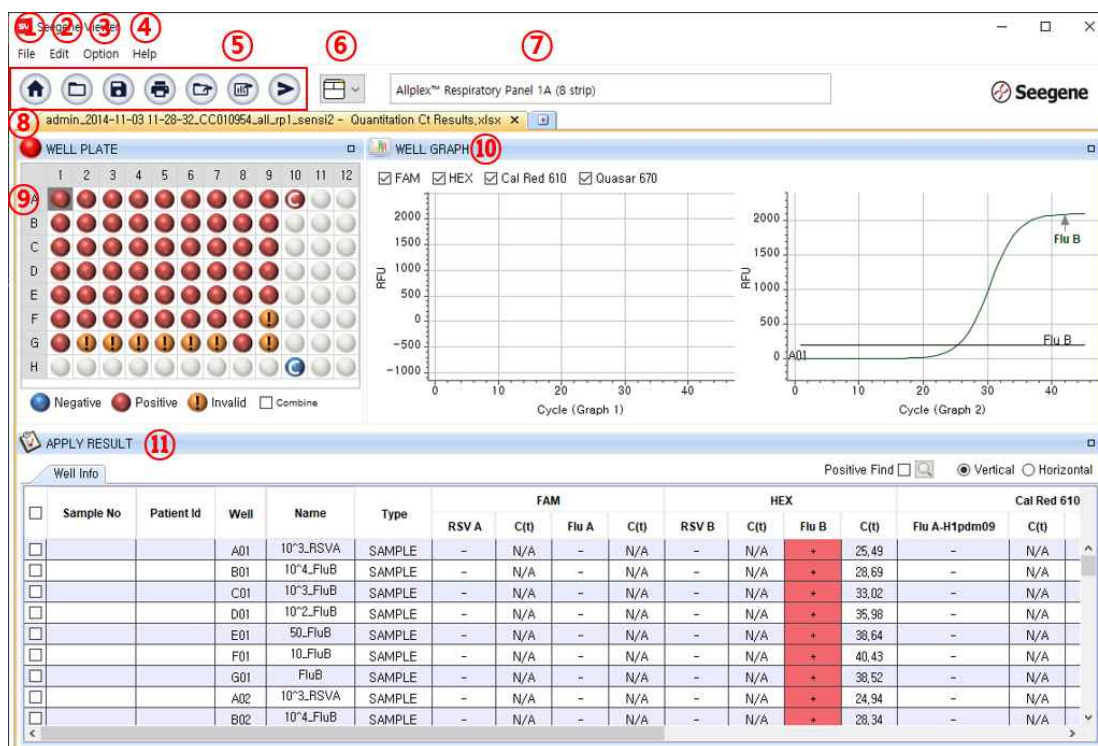
2.4 Wait for the installation to be completed.



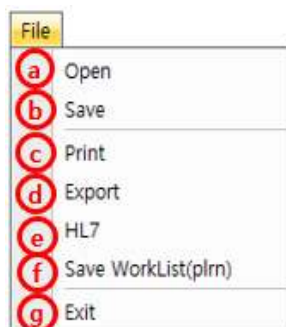
2.5 Installation is completed.



3. Seegene Viewer' Menus



3.1 File



a. Open

Open a raw data file exported from a Real-time PCR instrument or a file previously saved in the Seegene Viewer.

b. Save

Save the current status of the Seegene Viewer as a .svxd file.

c. Print

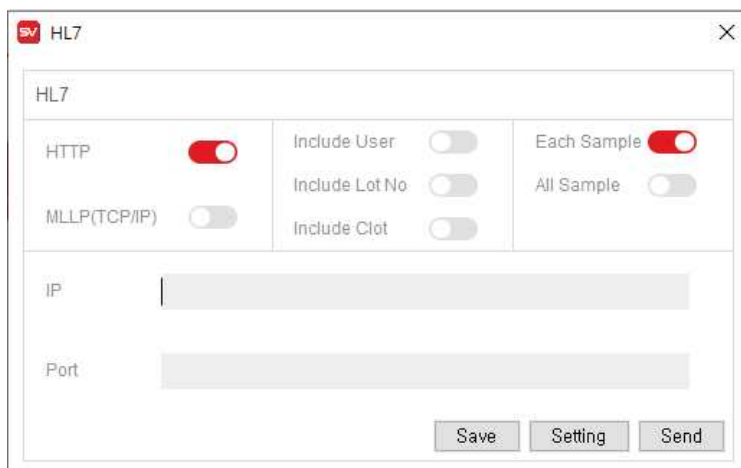
Print the current analysis results of the Seegene Viewer.

d. Export

Export the currently visible **Well** information to an Excel file.

e. HL7

Transfer data to the HL7 standards.



HL7					
HTTP	<input checked="" type="checkbox"/>	Include User	<input type="checkbox"/>	Each Sample	<input checked="" type="checkbox"/>
MLLP(TCP/IP)	<input type="checkbox"/>	Include Lot No	<input type="checkbox"/>	All Sample	<input type="checkbox"/>
Include Clot	<input type="checkbox"/>				
IP: <input type="text"/>					
Port: <input type="text"/>					
Save Setting Send					

- HTTP or MLLP(TCP/IP): Choose HTTP or a MLLP protocol to set up.
- Include User or Include Lot No or Include Clot : Choose the option to include information as User/Lot No/Clot.
- Each Sample or All Sample : Choose the option whether sending the selected samples one by one or at once.
- IP : HTTP or MLLP IP Address can be set.
- Port : Input the MLLP Port setting.

f. Save WorkList(plrn)

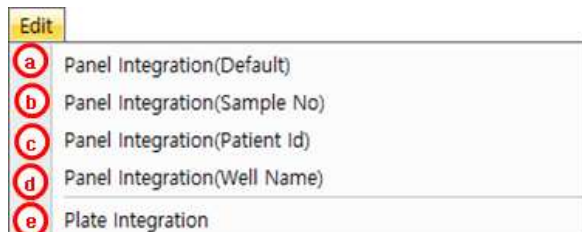
Save the WorkList for re-examining positive samples among the analysis results using the plrn file. The storage path of the WorkList can be set in **Option > Path Setting**.

- Notice: Available only when using plrn files created from Seegene Launcher V6.02.008 version or later.

g. Exit

Exit the program.

3.2 Edit



a. Panel Integration(Default)

Integrate the results of Wells selected in the Profile.

b. Panel Integration(Sample No)

Integrate results of Wells with the same Sample No.

c. Panel Integration(Patient Id)

Integrate results of Wells with the same Patient Id.

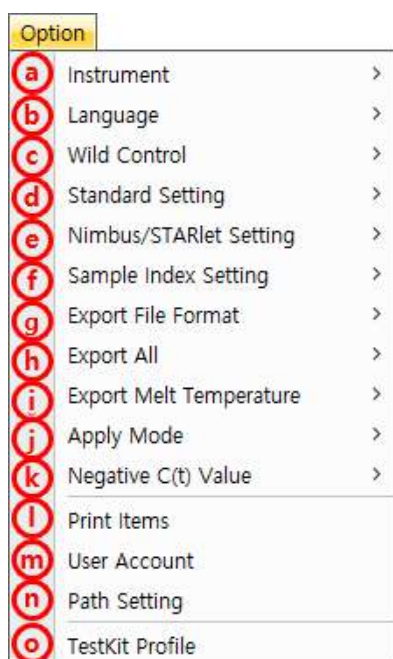
d. Panel Integration(Well Name)

Integrate results of Wells with the same Well Name.

e. Plate Integration

Integrate data from different plates.

3.3 Option



a. Instrument

Select a real-time PCR instrument you want to analyze.

The list of instruments you can select is as follows.

	AB7500 v1.4
	AB7500 FastDx
	AB7500 v2.0.5
✓	CFX96
	CFX96 Dx

b. Language

Select a language you want to use.

✓	English
	Estonian
	French
	German
	Italian
	Korean
	Latvian
	Lithuania
	Portuguese
	Spanish
	Turkish

c. Wild Control

Set up whether to use **Wild Control** or not.

- Enable : Get the saved Wild Control value.
- Disable : Select if you don't use **Wild Control** feature.

d. Standard Setting

Set up whether to use **Standard Setting** or not.

- Enable : When analyzing BV products, standard well information is saved separately as follows. The stored information will then be used for BV product analysis without Standard Well information.
- Disable : Select if you don't use **Standard Setting** feature.

File Name	Date
admin_2015-05-26 06-53-31,svsd	2015-05-26
admin_2015-06-17 15-40-48,svsd	2015-06-17


OK Cancel

e. Nimbus/STARlet Setting

Set up Nimbus or STARlet Setting file on the Seegene Viewer.

Option														
Instrument	>													
Language	>													
Wild Control	>													
Standard Setting	>													
Nimbus/STARlet Setting	>	<table border="1"> <thead> <tr> <th>CSV Enable</th> <th>></th> <th></th> </tr> </thead> <tbody> <tr> <td>✓ LIMS(.plrn) Enable</td> <td></td> <td>Sample No</td> </tr> <tr> <td>Disable</td> <td></td> <td>Patient Id</td> </tr> <tr> <td></td> <td></td> <td>Well Name</td> </tr> </tbody> </table>	CSV Enable	>		✓ LIMS(.plrn) Enable		Sample No	Disable		Patient Id			Well Name
CSV Enable	>													
✓ LIMS(.plrn) Enable		Sample No												
Disable		Patient Id												
		Well Name												
Sample Index Setting	>													
Export File Format	>													
Export All	>													
Export Melt Temperature	>													
Apply Mode	>													
Negative C(t) Value	>													
Print Items														
User Account														
Path Setting														
TestKit Profile														

- **CSV Enable** : Choose one among Sample No, Patient Id, and Well Name that the Barcode number in the CSV file is placed.
- **LIMS(.plrn) Enable** : You can set Well Name, Patient Id, and reagent barcode information using plrn file data.



- Path : Set the default path where the LIMS (.plrn) file will be saved.
- Plate Barcode : Set whether to use the Plate Barcode when opening a file.
- Barcode : Set the location where the barcode information set in Seegene Launcher will be entered in Seegene Viewer.
- Name : Set the location where the name information set in Seegene Launcher will be entered in Seegene Viewer.
- **Disable** : Select if you don't use any setting files from Nimbus/Starlet on Viewer.

f. Sample Index Setting

Set whether to use the **Sample Index Setting** or not.

- **Enable** : Numbers are entered sequentially in Sample No.
- **Disable** : Select if you don't set the sample index.

g. Export File Format



When exporting to Excel, you can specify the file format to be exported to use. (XLSX, CSV, XLS)

h. Export All

- **Enable** : In Auto mode, all Well information is exported at once.
- **Disable** : Only the Well information selected in Auto mode is exported.

i. Export Melt Temperature

- **Enable** : When analyzing the results of Anyplex™II products in the Seegene Viewer, a function is added to include melt peak height (Result) and melting temperature (Tm) data of each melt peak. In Auto mode, the melt peak height (Result) and melting temperature (Tm) results of each melt peak are included and displayed.
- **Disable**: Select if you don't use **Export Melt Temperature** feature.

j. Apply Mode

- **Auto** : The selected product is automatically applied to the Well.
- **Manual** : Selectively apply the selected product to each well.

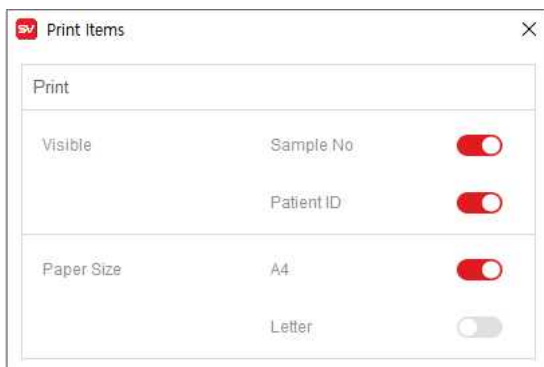
k. Negative C(t) Value

Set whether the Negative C(t) value is displayed or not. (Notice : Only available to Anyplex™).

- **Visible** : Negative C(t) value is displayed.
- **Invisible** : Negative C(t) value is not displayed.

l. Print Items

Select the items to be displayed when the output is printed. And select the paper size when the output is printed.

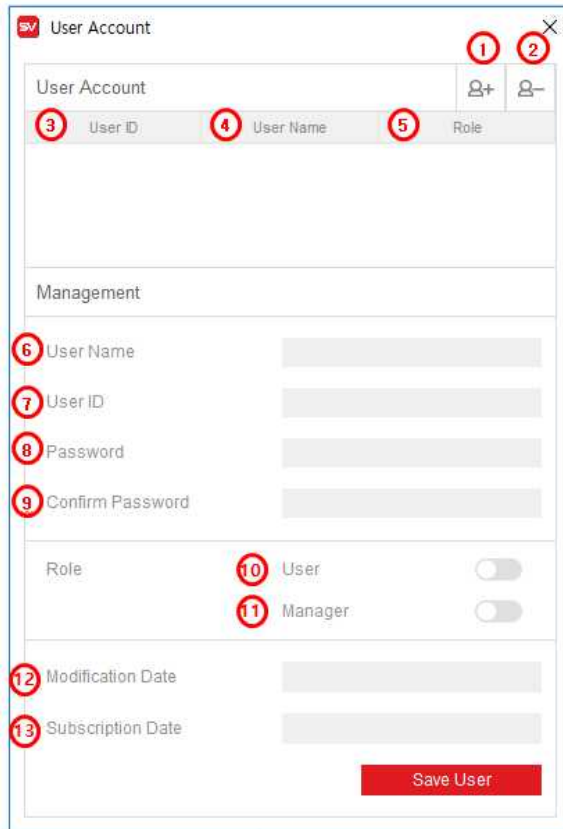


The image shows a 'Print Items' dialog box with a title bar containing a red 'SV' icon and a close button. The dialog is divided into two sections. The first section, titled 'Print', contains two rows of settings: 'Visible' with 'Sample No' and 'Patient ID' each having a red toggle switch turned on. The second section, titled 'Paper Size', contains two rows: 'A4' with a red toggle switch turned on, and 'Letter' with a grey toggle switch turned off.

- **Visible**
 - **Sample No** : Sample No. is displayed when printing.
 - **Patient ID** : Patient ID is displayed when printing.
- **Paper Size**
 - **A4** : When printing, it is printed in A4 paper size.
 - **Letter** : When printing, it is printed in letter paper size.

m. Uesr Account

Manage user accounts.

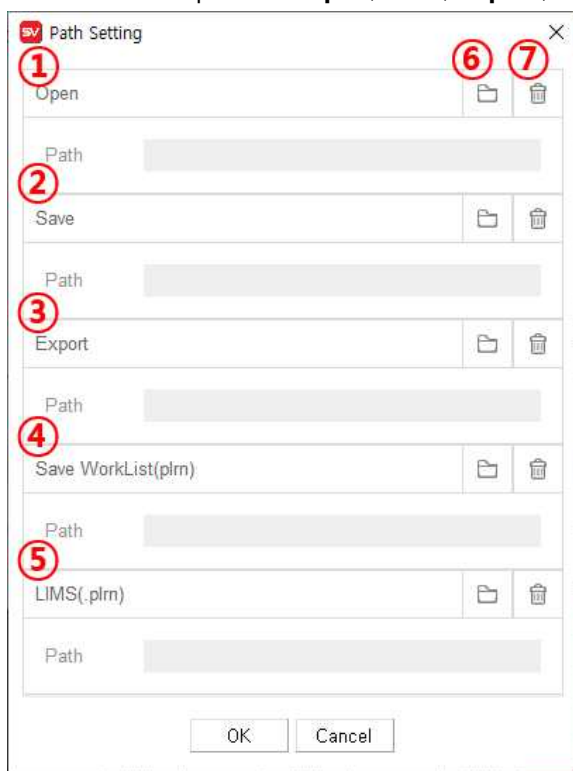


The screenshot shows the 'User Account' management window. At the top right, there are buttons for adding (1) and deleting (2) users. Below this is a table with columns for User ID (3), User Name (4), and Role (5). The 'Management' section contains input fields for User Name (6), User ID (7), Password (8), and Confirm Password (9). Below these are checkboxes for 'User' (10) and 'Manager' (11) roles. At the bottom, there are fields for 'Modification Date' (12) and 'Subscription Date' (13), and a red 'Save User' button.

- ① Add a User Account.
- ② Delete a User Account.
- ③ Display the User ID.
- ④ Display the User Name.
- ⑤ Display the Role of the User Account.
- ⑥ Enter the User Name.
- ⑦ Enter the User ID.
- ⑧ Enter the User Password.
- ⑨ Check the User Password.
- ⑩ If your role is a User, you can only modify your own account.
- ⑪ If your role is a Manager, you can modify the entire account.
- ⑫ Display the date when the User account was changed.
- ⑬ Display the date when the User account was created.

n. Path Setting

Set the default path for **Open**, **Save**, **Export**, **Save WorkList (plrn)** and **LIMS(.plrn)**.



- ① Set the default path of RawData.
- ② Set the default path to save the SVXD file.
- ③ Set the default path to export.
- ④ Set the default path where the WorkList file will be saved.
- ⑤ Set the default path to open the plrn file.
- ⑥ Open the path setting dialog window for default path setting.
- ⑦ Delete the default path set for each item.

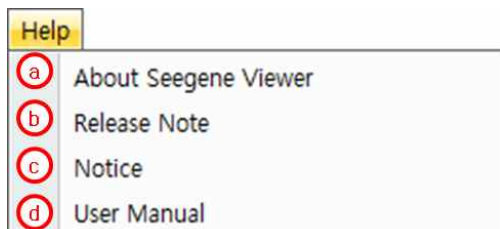
o. TestKit Profile

Set **TestKit Profile** information.

Administrator's functions are provided to manage product lists and information.

Please refer to the separate 'Setting Manual' for administrators.

3.4 Help



a. **About Seegene Viewer**

You can check the version information and license contents of the Seegene Viewer.

b. **Release Note**

You can check the update history of the Seegene Viewer.

c. **Notice**

You can see the notices of the Seegene Viewer.

d. **User Manual**

You can see the User Guide of the Seegene Viewer.

3.5 Quick Menu



a. Returns to the home screen.

b. Import the result exported from the device or the file saved in Seegene Viewer.

c. Save the current state of Seegene Viewer in '.svxd' format.

d. Print the selected results.

e. Export Well information into an Excel file.

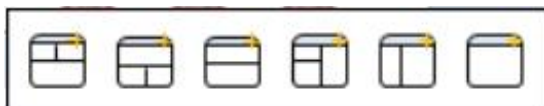
f. In Auto mode, Well analysis data and additional information are extracted as Excel data in the "C:\Seegene\Seegene Instant Data" path. (However, the Excel data in the folder is updated with the latest data and only one Excel file is saved.)

g. If information for HL7 transmission (HTTP: IP, MLLP: IP, Port) is set, the analysis result of the selected Well is sent to LIS without opening the HL7 window.

3.6 Layout

You can change the layout of the Seegene Viewer.

The types of layouts that can be changed are as follows.



3.7 PRODUCT

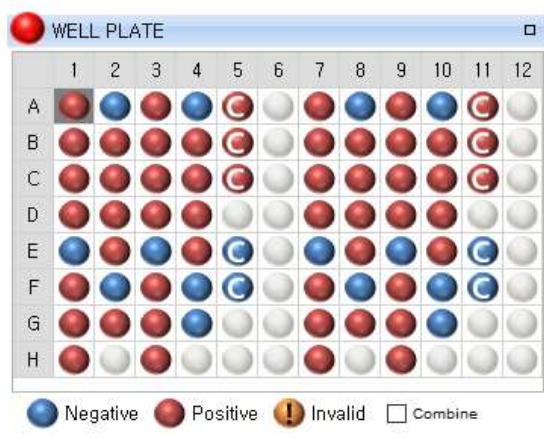
Select the **TestKit** to be used.

3.8 TAB

You can open the tab to see several results.










3.9 Well Plate

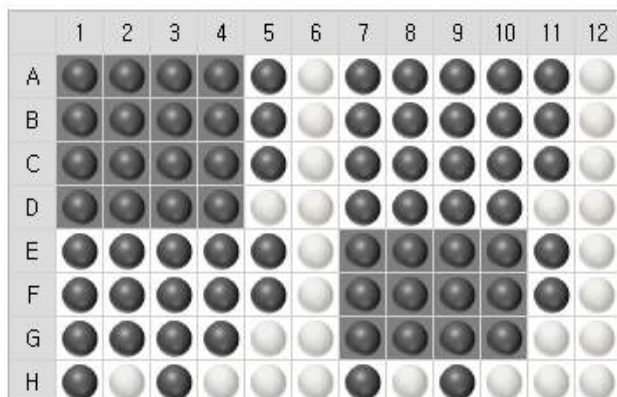
- The Well Plate picture of the Real time PCR instruments is as follows. In the Well Plate, you can check 6 functions.



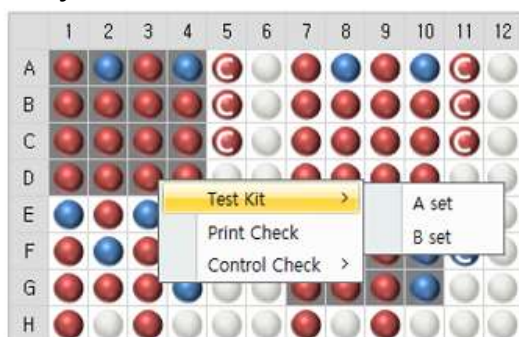
a. Status indicator of Wells

- The status of the Wells displayed on the plate means the following.

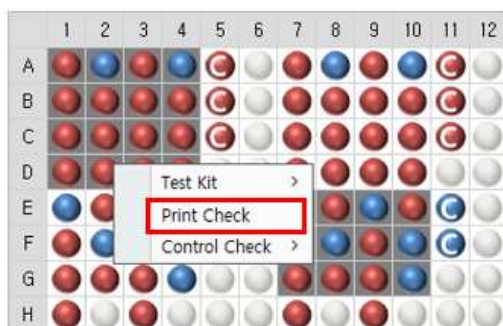
Type	Description	Type	Description
	Does not apply		Negative Control
	Positive		Positive Control
	Negative		Standard Control
	XWTC		Invalid
	MWTC		

b. Select Wells to apply the product


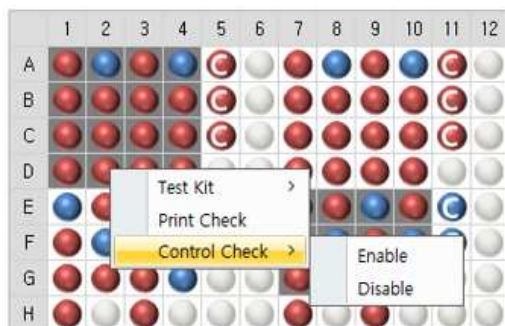
- Select Wells to apply the product by dragging it with the mouse as shown in the picture.

c. Analyze the results with the Panel in TestKit


- After selecting the Wells to be applied, the results are analyzed with the Panel in the TestKit.

d. Print Check


- After selecting the Well to be printed, click **"Print Check"** to activate the Print Check in the Well Info tab.

e. Control Check


- If there are multiple Positive Controls and Negative Controls, you can select the Positive Controls and Negative Controls to be printed out.

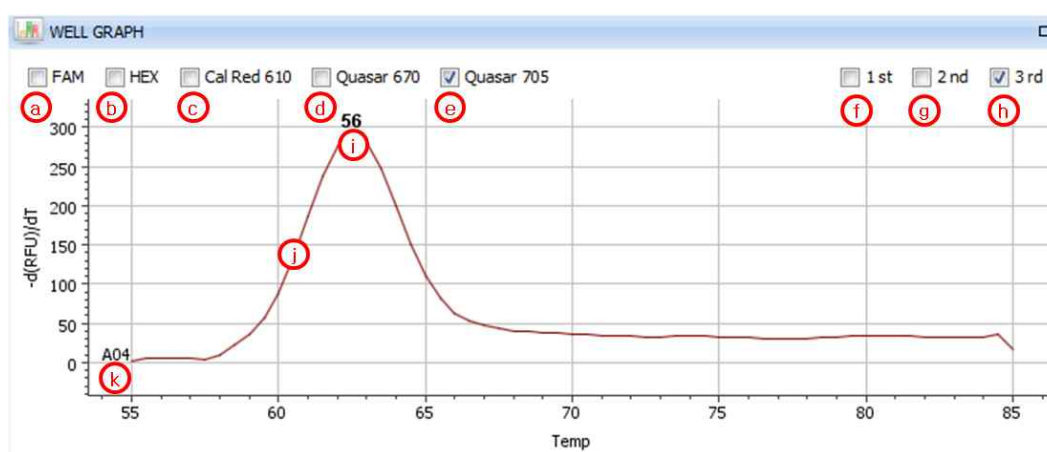
f. Combine


- When Well is selected on the plate after checking '**Combine**', integrated Wells set in Profile are selected together.

3. 10 Well Graph

Display a graph of the selected Well.

















To integrate graphs of other channels, check in the boxes of those channels.



- Show the graph information on the FAM channel.
- Show the graph information on the HEX channel.
- Show the graph information on the Cal Red 610 channel.

- d. Show the graph information on the Quasar670 channel.
- e. Show the graph information on the Quasar705 channel.
- f. Show the 1st information on the graph.
- g. Show the 2nd information on the graph.
- h. Show the 3rd information on the graph.
- i. Pathogen's name.
- j. Results graph.
- k. Well Number.

3.11 Well Info

Well Info												
Positive Find   												
Sample No	Patient Id	Well	Name	Type	FAM	HEX	Cal Red 610	Quasar 670	Quasar 705	Auto	Interpretation	Comment
		A01	57	SAMPLE								
		B01	58	SAMPLE								
		C01	60	SAMPLE								
		D01	61	SAMPLE								
		E01	63	SAMPLE								
		F01	64	SAMPLE								
		G01	65	SAMPLE								
		H01	66	SAMPLE								
		A02	67	SAMPLE								
		B02	68	SAMPLE								
		C02	69	SAMPLE								
		D02	70	SAMPLE								
		E02	71	SAMPLE								
		F02	72	SAMPLE								
		G02	73	SAMPLE								

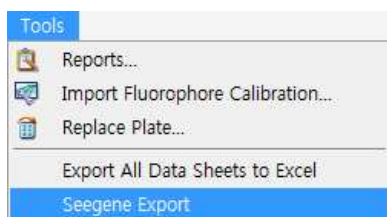
The Well information when importing the exported file

4. Exporting Raw data from Real-time PCR Instruments

- For the analysis method by **TestKit**, refer to the guide information of the **TestKit**.

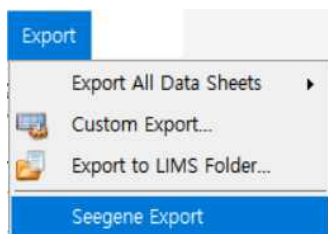
4.1 CFX96

Select **Tools > Seegene Export**.



4.2 CFX96 DX

Select **Export > Seegene Export**.



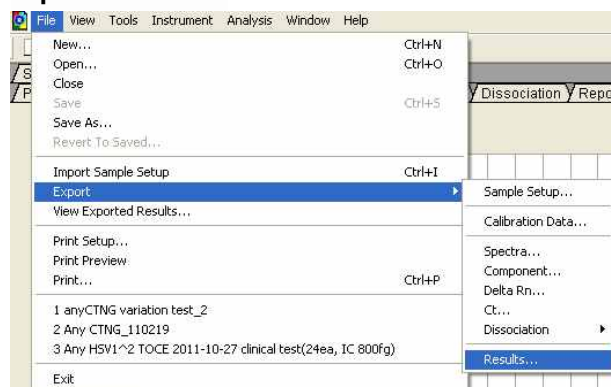
4.3 AB7500(7500 System SDS Software Ver. 1.4)

- The version 1.4 of AB7500 Software requires exporting two files. (**Results file**, **Delta Rn file**)

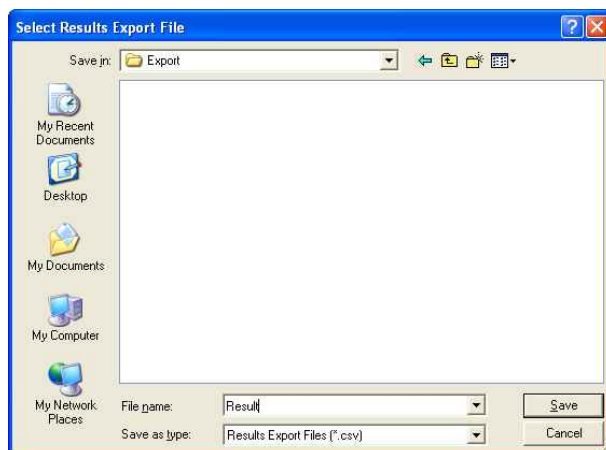
① Results file (Ct file)

First, export a file containing information such as Ct values to the path of **File >**

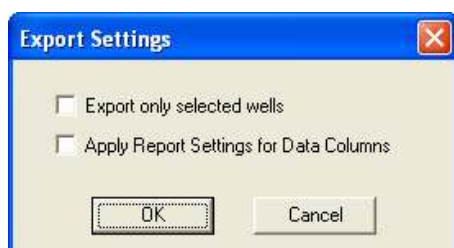
Export > Results.



Select the location where the exported file will be saved and enter the file name.

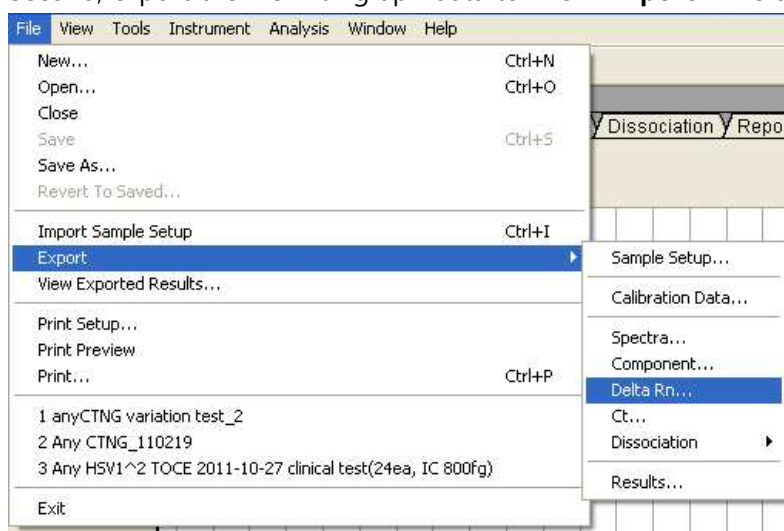


Do not check anything in the Export Settings.



② Delta Rn file (Graph file)

Second, export the file with graph data to **File > Export > Delta Rn**.

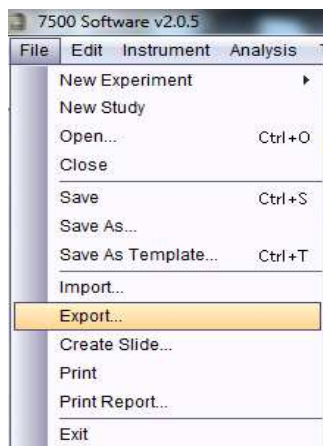


The exported **Delta Rn file** must be named '-g' at the end of the **Results file** name.

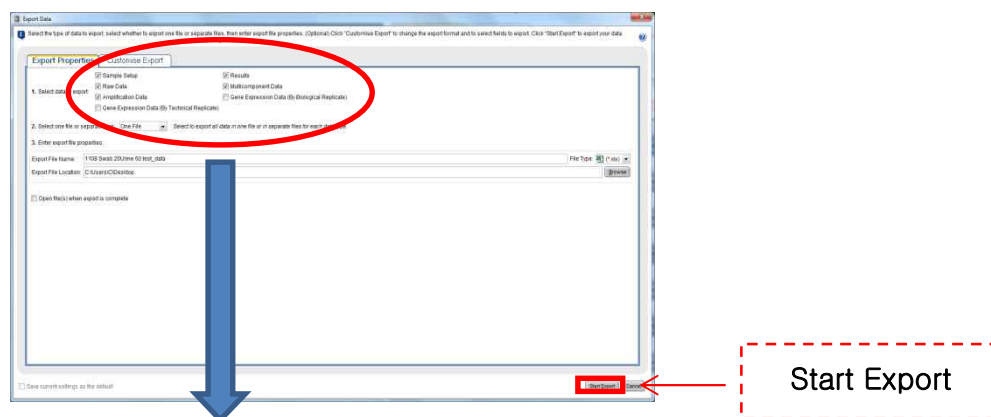
ex) **Results** file name: Result.csv, **Delta Rn** file name : Result-g.csv

4.4 AB7500(7500 System SDS Software Ver. 2.0.5)

Select **File > Export**.



Set the **Export Properties** as follows and press the **Start Export** button.

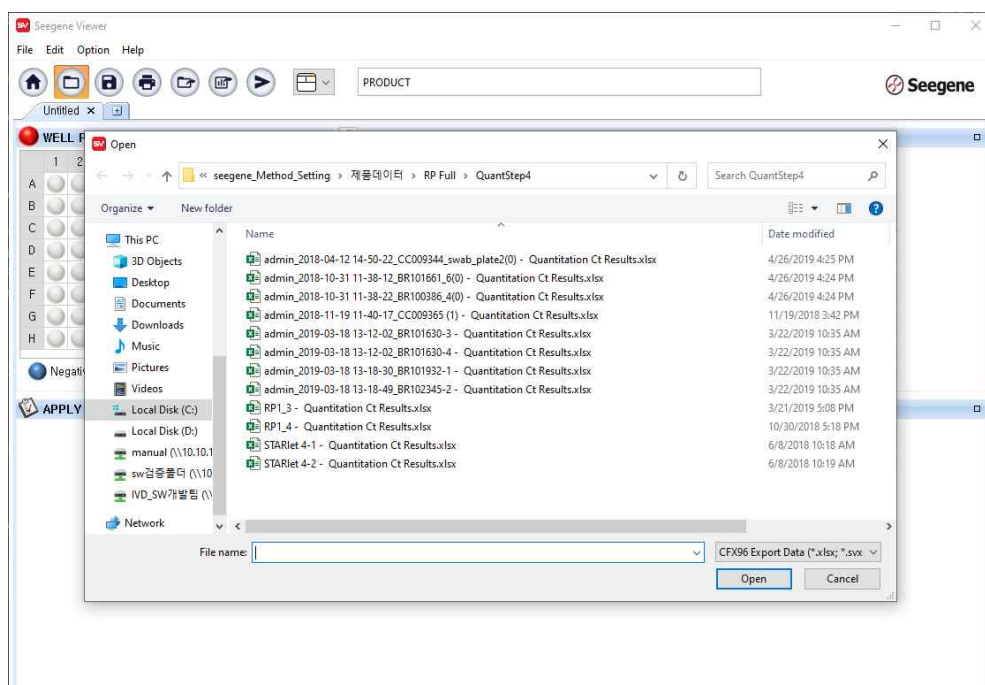


5. Analyzing Raw data with Seegene Viewer

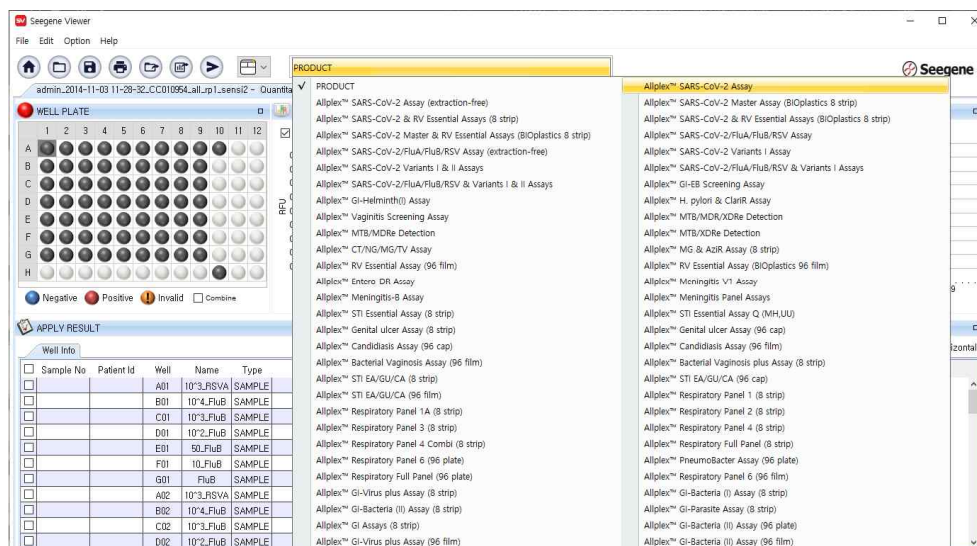
- You can analyze the results in 3 ways. (Automatic, Manual, Plate Barcode)

5.1 Automatic analysis

- Select the file exported from the Real-time PCR instruments and click '**Open**' button.



- Select the **TestKit** to apply to the selected file.

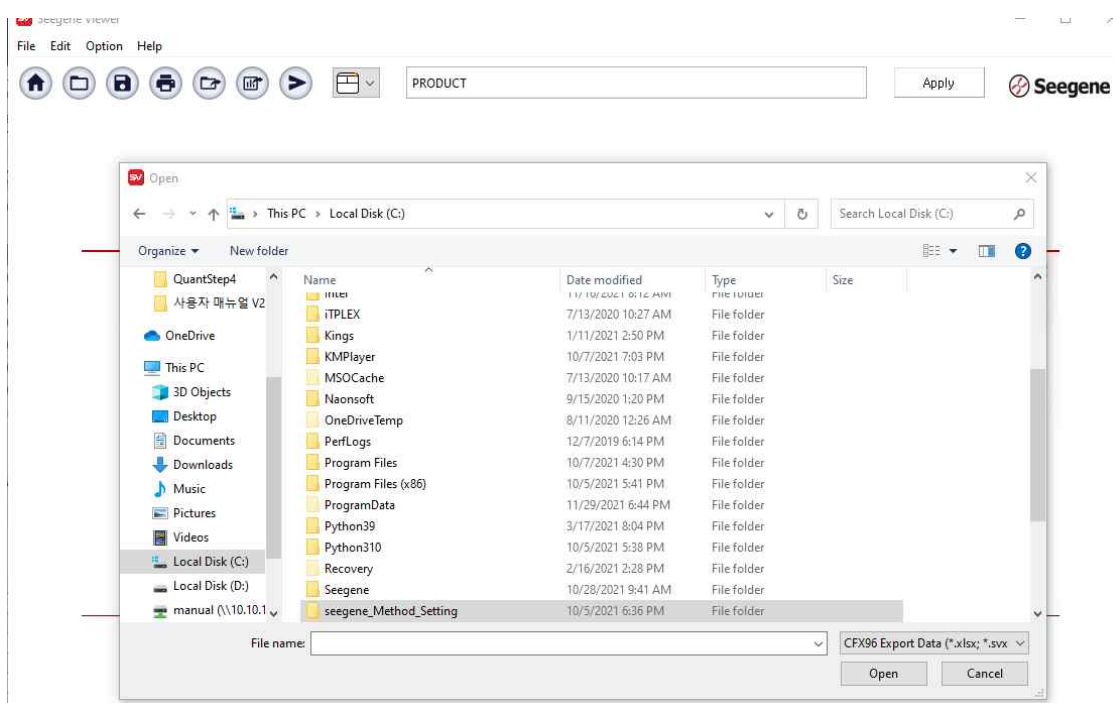


- ③ Check the analyzed result.

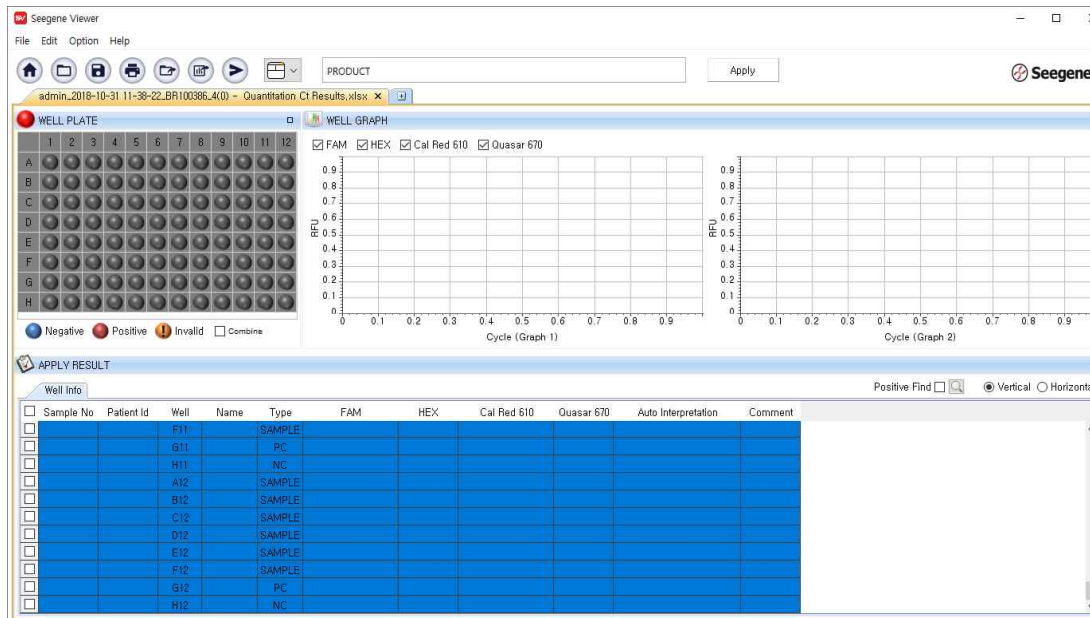


5.2 Manual analysis

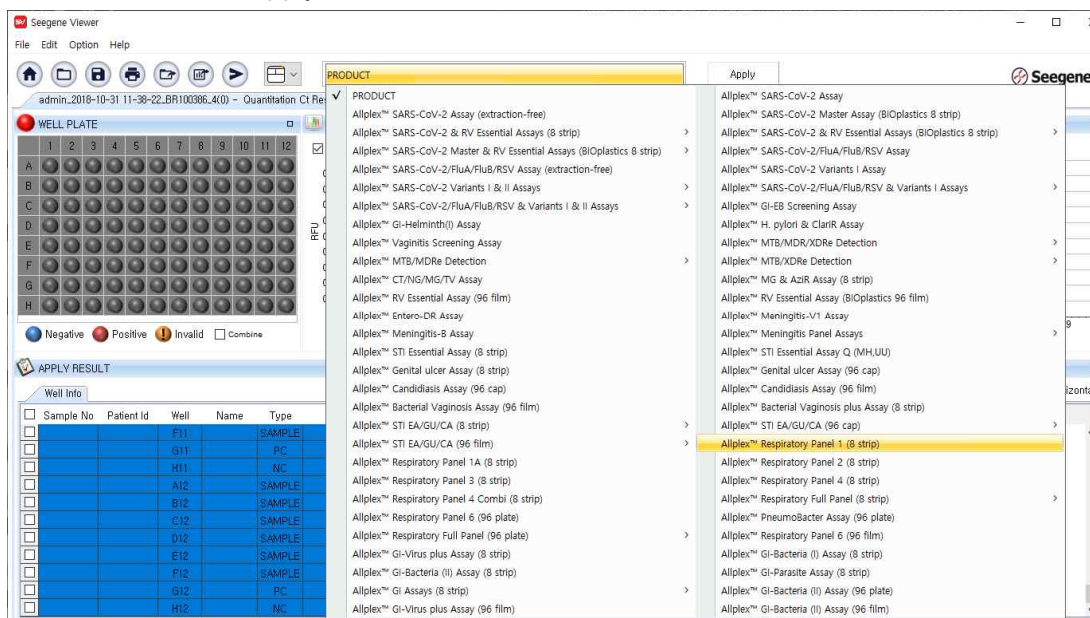
- ① Select the file exported from the Real-time PCR instruments and click 'Open' button.



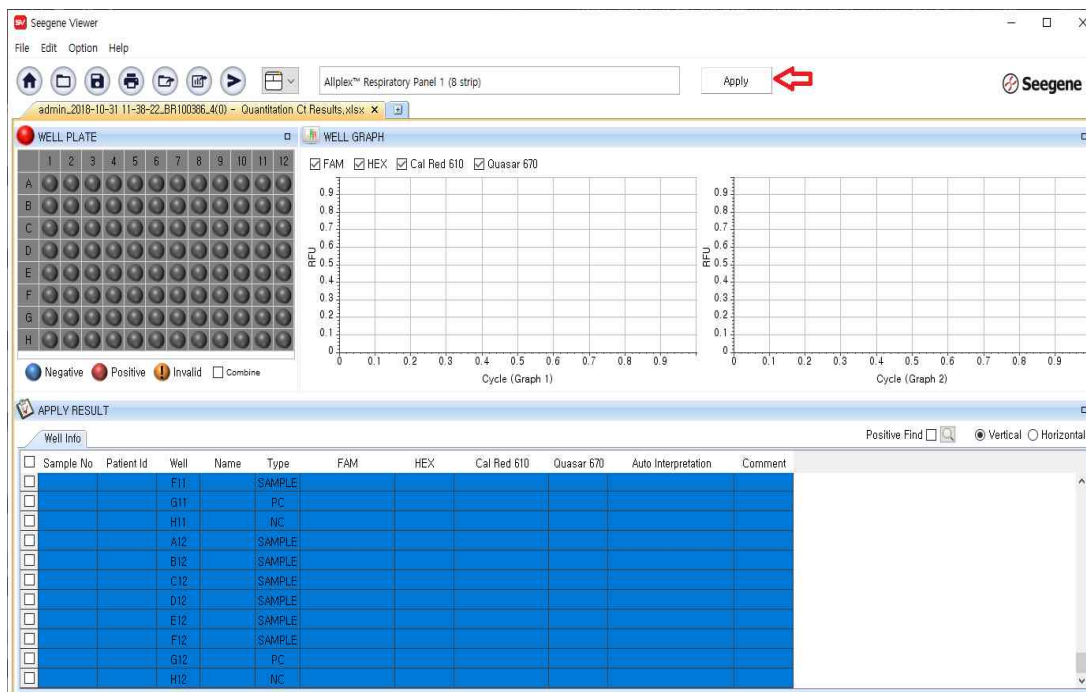
- Drag the mouse to select the **Wells** to be analyzed.



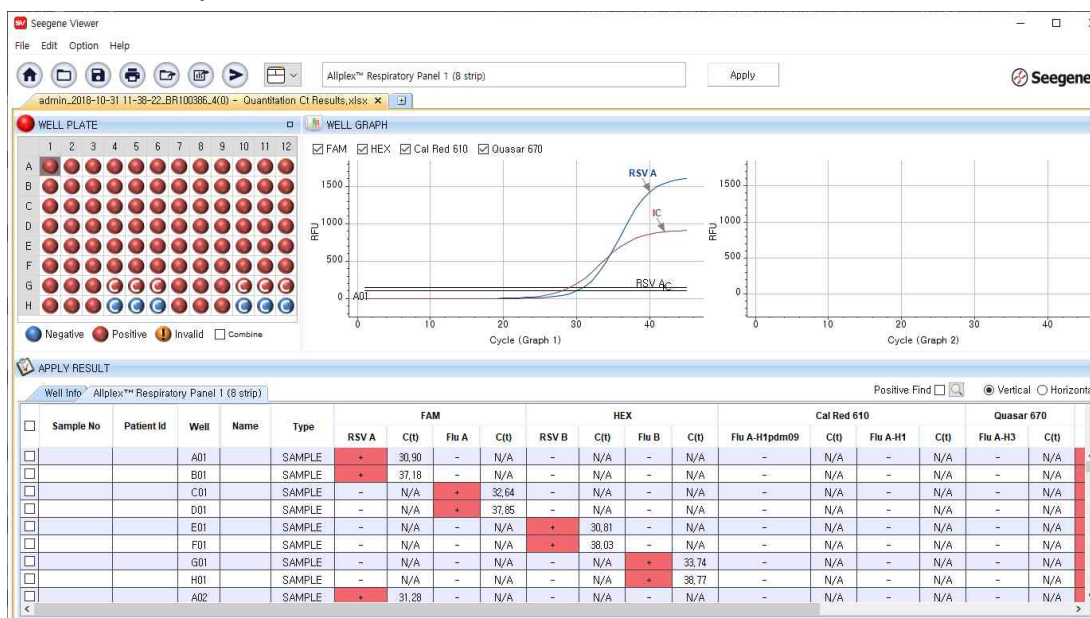
- Select a **TestKit** to apply to the selected Wells.



- ④ Click 'Apply' button.



- ⑤ Check the analyzed result.



5.3 Analyzing with Plate Barcode

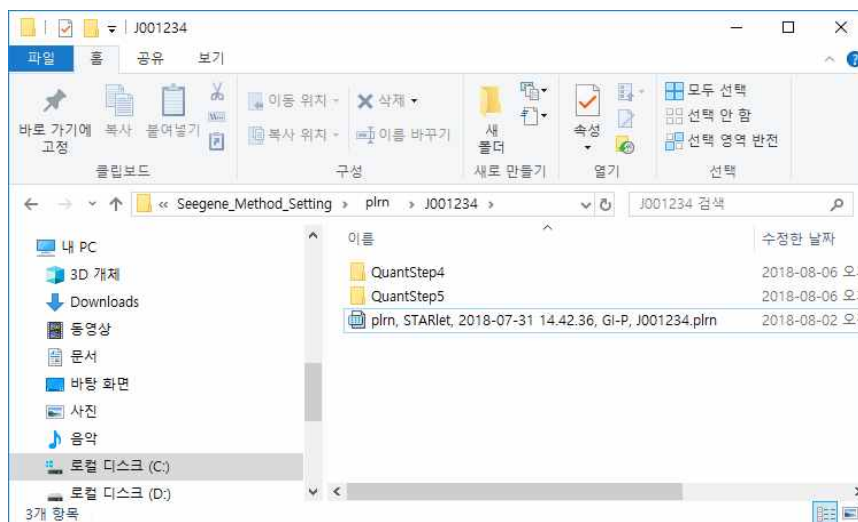
- Alert: In order to use the '**Analyze with Plate Barcode**' function normally, **Plate Barcode** must be set in **Settings > Nimbus/STARlet Settings > LIMS (.plrn)**.

① In order to analyze with **Plate Barcode**, as shown in the example below, there must be a exported LIMS (.plrn) file in a designated folder named **Plate Barcode**.

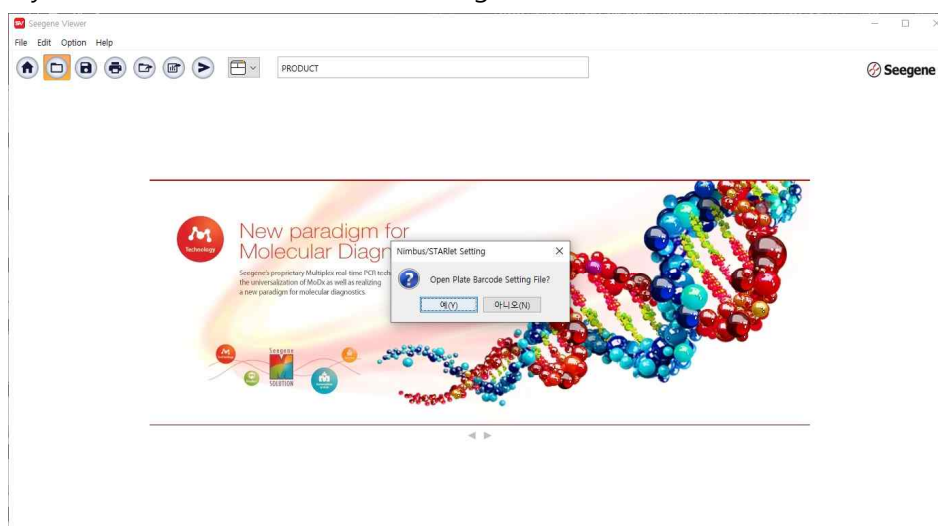
[Example]

Plate Barcode **Folder Path** : C:\Seegene_Method_Setting\plrn\{Plate Barcode}

Plate Barcode **File name** [Plate Barcode] : J001234



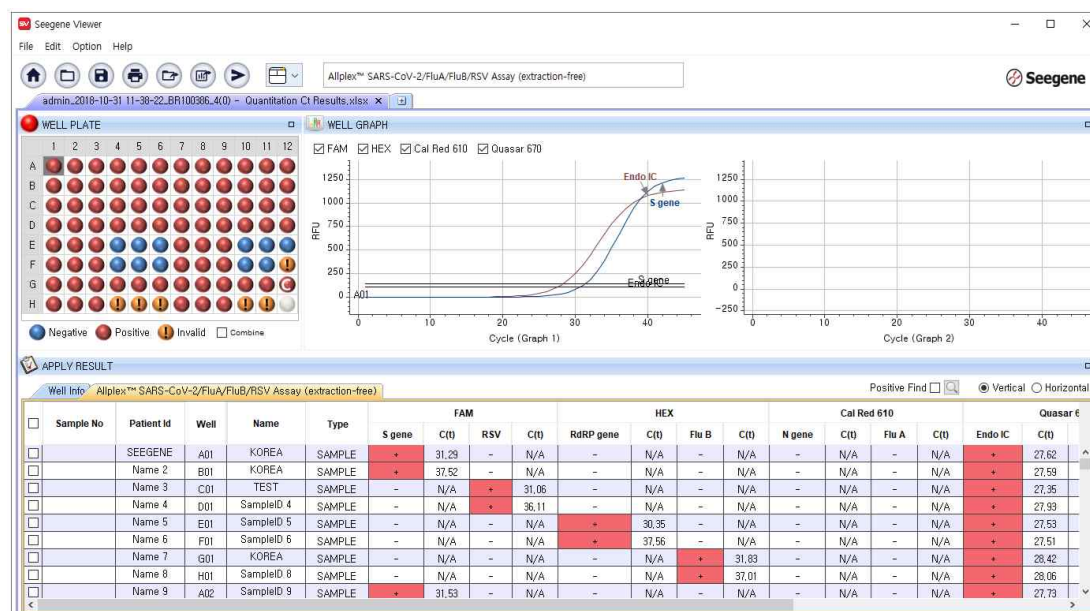
② Select '**Open**' from the menu to open the Plate Barcode file (.plrn) you want to analyze. And select '**Yes**' from the message as follows.



- ③ Enter the **Plate Barcode** information that can be checked in the LIMS (.plrn) file.



- ④ Check the analyzed result.



6. Exporting the analysis results from Seegene Viewer

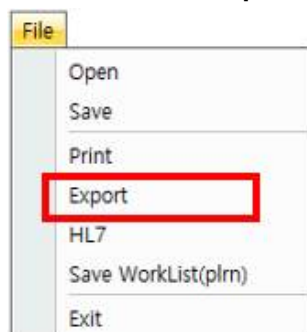
- The analysis result can be exported to an Excel file.

6.1 Select the analysis result to export.



Sample No	Patient Id	Well	Name	Type	RSV A	C0	Flu A	C0	RSV B	C0	Flu B	C0	Flu A-H1pdm09	C0	Flu A-H1	C0	Flu A-H3	C0	Quasar 670	C0	Quasar 670	C0	Auto Interpretation
A01				SAMPLE	RSV A	C0	Flu A	C0	RSV B	C0	Flu B	C0	Flu A-H1pdm09	C0	Flu A-H1	C0	Flu A-H3	C0	Quasar 670	C0	Quasar 670	C0	RSV AAdV,OC43,MP
A04					PIV4	C0	MPV	C0	PIV2	C0	PIV1	C0	AdV	C0	HEV	C0	PIV3	C0	IC	C0			
A07					OC43	C0	HBsV	C0	229E	C0	NL63	C0	HRV	C0		C0			IC	C0			
A10					SP	C0	LP	C0	HI	C0	BPP	C0	MP	C0	BP	C0	CP	C0	IC	C0			
B01				SAMPLE	RSV A	C0	Flu A	C0	RSV B	C0	Flu B	C0	Flu A-H1pdm09	C0	Flu A-H1	C0	Flu A-H3	C0	Quasar 670	C0	Quasar 670	C0	RSV AAdV,OC43,MP
B04					PIV4	C0	MPV	C0	PIV2	C0	PIV1	C0	AdV	C0	HEV	C0	PIV3	C0	IC	C0			
B07					OC43	C0	HBsV	C0	229E	C0	NL63	C0	HRV	C0		C0			IC	C0			
B10					SP	C0	LP	C0	HI	C0	BPP	C0	MP	C0	BP	C0	CP	C0	IC	C0			

6.2 Select **File** > **Export** menu.



6.3 When exporting to an Excel file, the form of the file is as follows.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
Sample No	Patient Id	Well	Name	Type	FAM	C0	Flu A	C0	RSV B	C0	Flu B	C0	Cal Red 610 Flu A-H1pdm09	C0	Cal Red 610 Flu A-H1	C0	Quasar 670 Flu A-H3	C0	Quasar 670 IC	Quasar 670 C0	Auto Interpretation	Comment
A01				SAMPLE	RSV A	C0	Flu A	C0	RSV B	C0	Flu B	C0	N/A	N/A	N/A	N/A	N/A	N/A	IC	C0	28.11	"RSV AAdV,OC43,MP"
A04					PIV4	C0	MPV	C0	PIV2	C0	PIV1	C0	AdV	C0	HEV	C0	PIV3	C0	IC	C0	28.10	
A07					OC43	C0	HBsV	C0	229E	C0	NL63	C0	HRV	C0		C0		C0	IC	C0	30.29	
A10					SP	C0	LP	C0	HI	C0	BPP	C0	MP	C0	BP	C0	CP	C0	IC	C0		
					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
B01				SAMPLE	RSV A	C0	Flu A	C0	RSV B	C0	Flu B	C0	Cal Red 610 Flu A-H1pdm09	C0	Flu A-H1	C0	Flu A-H3	C0	IC	C0	27.64	"RSV AAdV,OC43,MP"
B04					PIV4	C0	MPV	C0	PIV2	C0	PIV1	C0	AdV	C0	HEV	C0	PIV3	C0	IC	C0	28.08	
B07					OC43	C0	HBsV	C0	229E	C0	NL63	C0	HRV	C0		C0		C0	IC	C0	28.08	
B10					SP	C0	LP	C0	HI	C0	BPP	C0	MP	C0	BP	C0	CP	C0	IC	C0	30.04	
					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

6.4 The extension of the Excel file can be changed from **Settings** > **Export File Format**.



7. Printing the analysis results from Seegene Viewer

- The analysis result can be printed.

7.1 Select the analysis result to print.

APPLY RESULT

Well Info

Sample No

Patient Id

Well

Name

Type

RSV A

C0

Flu A

C0

RSV B

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

C0

Quasar 678

IC

C0

Auto Interpretation

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

Flu A-H3

C0

Quasar 676

IC

Quasar 678

IC

+

36.37

-

N/A

Flu A

C0

Flu B

C0

Flu A-H1pdn09

C0

Flu A-H1

C0

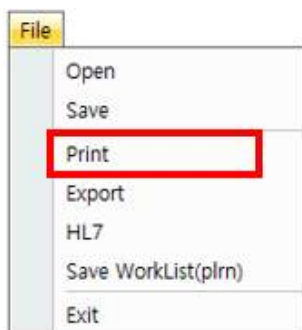
Flu A-H3

C0

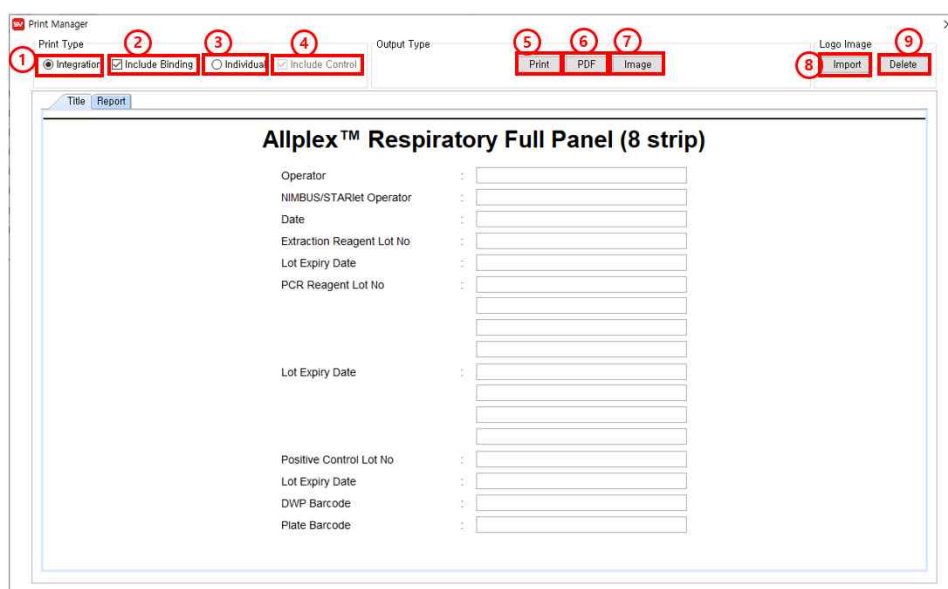
Quasar 676

IC

7.2 Select **File** > **Print** menu.



7.3 When selecting the **Print** menu, the following screen appears.



Print Manager

Print Type: ☒ Integrator ☒ Include Binding ☐ Individual ☒ Include Control

Output Type: Print PDF Image

Logo Image: Import Delete

Title: Report

Allplex™ Respiratory Full Panel (8 strip)

Operator:

NIMBUS/STARlet Operator:

Date:

Extraction Reagent Lot No:

Lot Expiry Date:

PCR Reagent Lot No:

Lot Expiry Date:

Positive Control Lot No:

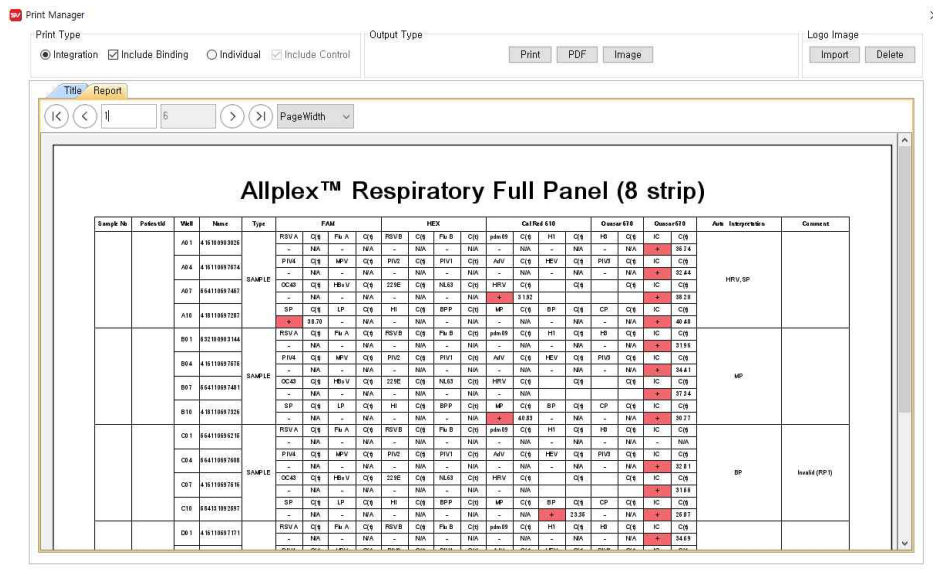
Lot Expiry Date:

DWP Barcode:

Plate Barcode:

① Print Type > Integration

It is used to output the results of several wells at once in the form of integration.

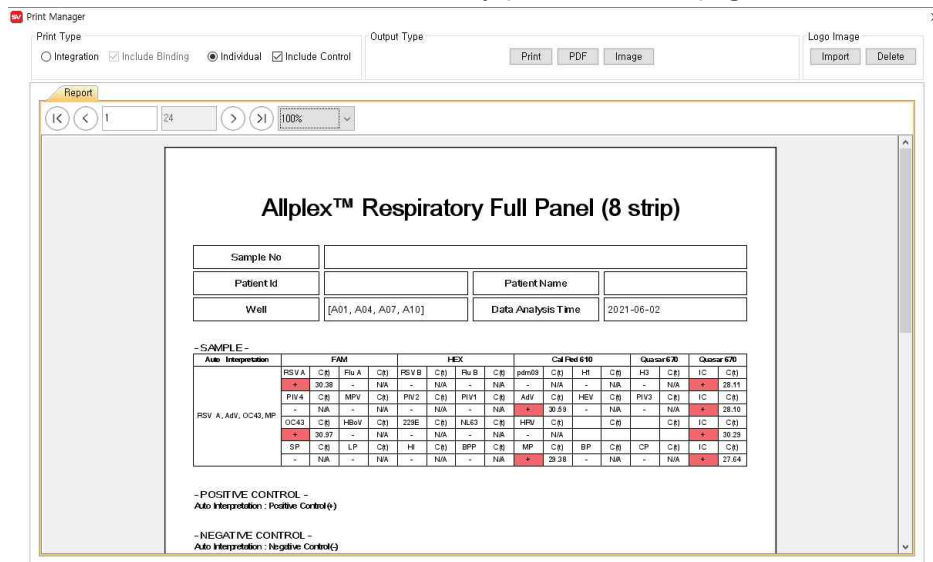


② Print Type > Include Binding

Check when trying to make a cover page for the analysis result printout.

③ Print Type > Individual

The results for each well are individually printed on one page.



④ Print Type > Include Control

Check when trying to include Control in the printout.

⑤ **Output Type > Print**

Print the analysis results with a connected printer.

⑥ **Output Type > PDF**

Print the analysis result as a PDF file.

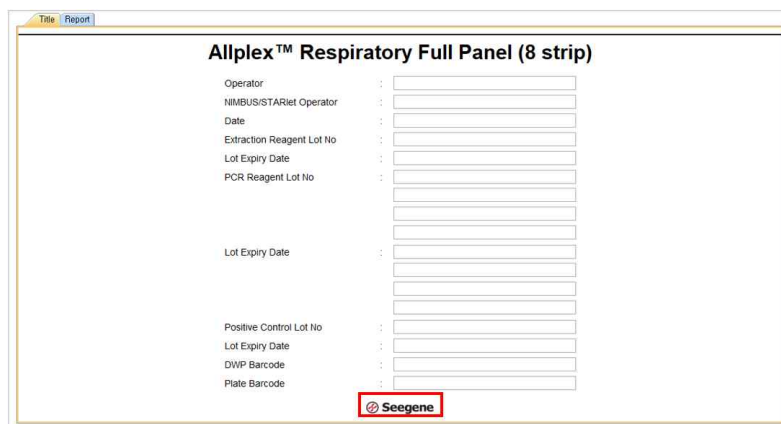
⑦ **Output Type > Image**

Print the analysis result as an Image file.

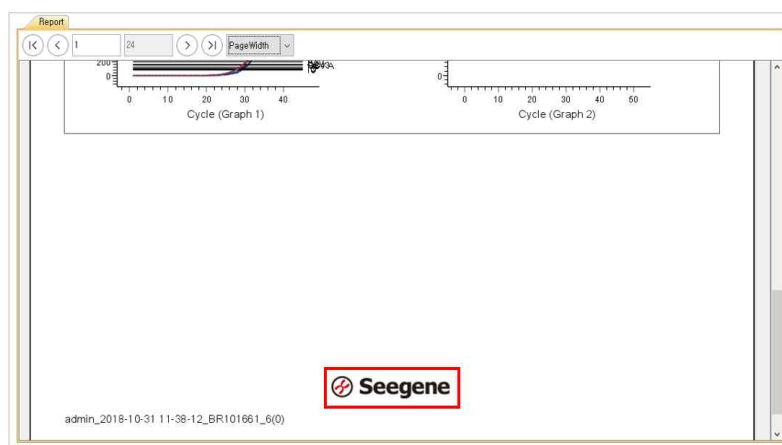
⑧ **Logo Image > Import**

Import the logo image to be placed in the analysis result printout.

a. Example with logo image in the integrated type printout



b. Example with logo image in the individual type printout



⑨ **Logo Image > Delete**

Delete the logo image on the analysis result printout.