SWSVRCAI01

Installation & User Guide

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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.) Installation of Seegene Viewer for Real time Instruments Seegene Viewer for Real time Instruments will be installed to following folder. Click <Install> to begin installation to following folder. Space needed: 68,372KBytes Install folder C:#Seegene Browse Copyright(c) 2020, Seegene Inc.



2.4 Wait for the installation to be completed.

Click <abort> to abort installation,</abort>	
1	
Installing to: C:\Seegene	
Installing item: ,₩Seegene₩com₩menu₩SgMenuBar\$6,cla	ISS

2.5 Installation is completed.

all installation of Seege	ne Viewer for Real time Instruments	×
	Installation of Seegene Viewer for Real time completed, I Run application,	Instruments
Copyright(c) 2020, See	egene Inc.	Ok



3. Seegene Viewer' Menus

le E	dit Option	4 Help	5	6			1								- 0	2
•	00				Allplex	* Respirator	y Pan <mark>el 1</mark> A	(8 strip)						Ø	Seeg	ene
) a	dmin_2014-11-	03 11-28-32_C	C010954_a	IL_rp1_sensi2 - (Quantitation Ct	Results, xls	x x 🗉	Ĭ								
2	ELL PLATE			0	WELL	GRAPH 10)									î
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C (0000				1			1500	1	_		/	
					료 1000						R 1000			/		
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= (0	-					500	1		/		
		000		0000	-500							1			Flu	B
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A	Negative 🥥 PPLY RESULT Well Info	-	Invalid [-1000	0 1		515		40	-	4	- 68	Cycle (Graph 2)	40 al () Hor	
 Al 	PPLY RESULT	~	Invalid [- 1000 - 1000		Cy FAI	cle (Graph	1)		HE	Po x	sitive Find	Cycle (Graph 2)	al () Hor Cal Red	izont
	PPLY RESULT	1	Well	Combine	Туре	RSV A	Cy FAI C(t)	cle (Graph M Flu A	1) C(t)	RSV B	HE C(t)	Po X Flu B	sitive Find C(t)	Cycle (Graph 2)	al () Hor Cal Red C(t)	izont 610
	PPLY RESULT	1	Well A01	Combine Combine Name 10°3_RSVA	Type	RSV A	Cy FAI C(t) N/A	cle (Graph A Flu A -	1) C(1) N/A	RSV B	HE C(t) N/A	Po X Fiu B	sitive Find C(t) 25,49	Cycle (Graph 2)	al () Hor Cal Red C(t) N/A	izont 610
	PPLY RESULT	1	Well A01 B01	Combine Name 10°3_RSVA 10°4_FluB	Type SAMPLE SAMPLE	RSV A	Cy FAI C(t) N/A N/A	A Flu A - -	1) C(t) N/A N/A	RSV B	HE C(t) N/A N/A	Po X Flu B + +	sitive Find C(t) 25,49 28,69	Cycle (Graph 2)	al O Hor Cal Red C(t) N/A N/A	izont 610
	PPLY RESULT	1	Well A01 B01 C01	Combine Name 10°3_RSVA 10°4_FluB 10°3_FluB	Type SAMPLE SAMPLE SAMPLE	RSV A - -	Cy FAI C(t) N/A N/A N/A	A Flu A - -	1) C(t) N/A N/A	RSV B 	HE C(t) N/A N/A N/A	Po X Flu B + + +	sitive Find C(t) 25,49 28,69 33,02	Cycle (Greph 2)	al O Hor Cal Red C(t) N/A N/A N/A	izont 610
	PPLY RESULT	1	Well A01 B01 C01 D01	Combine Name 10°3_RSVA 10°4_FluB 10°3_FluB 10°2_FluB 10°2_FluB	Type SAMPLE SAMPLE SAMPLE SAMPLE	RSV A 	Cy FAI C(t) N/A N/A N/A N/A	A Flu A - - -	1) C(t) N/A N/A N/A	RSV B 	HE C(t) N/A N/A N/A N/A	Po X Flu B + + + +	c(t) 25,49 28,69 33,02 35,98	Cycle (Graph 2)	al O Hor Cal Red C(t) N/A N/A N/A	izont 610
	PPLY RESULT	1	Well A01 B01 C01 D01 E01	Combine Name 10°3_RSVA 10°4_Flu8 10°3_Flu8 10°2_Flu8 50_Flu8	Type SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE	RSV A 	Cy FAI C(t) N/A N/A N/A N/A N/A	A Flu A - - - -	1) C(t) N/A N/A N/A N/A	RSV B 	HE C(t) N/A N/A N/A N/A	Po X Flu B + + + + + +	C(t) 25,49 28,69 33,02 35,98 38,64	Cycle (Graph 2)	al O Hor Cal Red C(t) N/A N/A N/A N/A	izont 610
	PPLY RESULT	1	Well A01 B01 C01 D01 E01 F01	Combine	Type SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE	RSV A 	Cy FAI C(t) N/A N/A N/A N/A N/A N/A	A Flu A - - -	1) C(t) N/A N/A N/A N/A N/A	RSV B 	HE C(t) N/A N/A N/A N/A N/A	Po Flu B + + + + + + + + +	C(t) 25,49 28,69 33,02 35,96 38,64 40,43	Cycle (Graph 2)	al O Hor Cal Red C(t) N/A N/A N/A N/A N/A	izont 610
	PPLY RESULT	1	Well A01 B01 C01 D01 E01 F01 G01	Combine Name 10"3_RSVA 10"4_FluB 10"3_FluB 10"2_FluB 10_FluB 50_FluB FluB FluB	Type SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE	RSV A - - - - -	Cy FAI C(t) N/A N/A N/A N/A N/A N/A	A Flu A - - - - - - - -	1) C(t) N/A N/A N/A N/A N/A N/A	RSV B 	HE C(t) N/A N/A N/A N/A N/A N/A	Po X Flu B + + + + + + +	c(t) 25,49 28,69 33,02 35,98 38,64 40,43 38,52	Cycle (Greph 2)	al O Hor Cal Red C(t) N/A N/A N/A N/A N/A N/A	izont
	PPLY RESULT	1	Well A01 B01 C01 D01 E01 F01	Combine	Type SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE	RSV A 	Cy FAI C(t) N/A N/A N/A N/A N/A N/A	A Flu A - - - - -	1) C(t) N/A N/A N/A N/A N/A	RSV B 	HE C(t) N/A N/A N/A N/A N/A	Po Flu B + + + + + + + + +	C(t) 25,49 28,69 33,02 35,96 38,64 40,43	Cycle (Graph 2)	al O Hor Cal Red C(t) N/A N/A N/A N/A N/A	izon

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.

_7		
ITTP 💽	Include User	Each Sample 🌔
	Include Lot No	All Sample
	Include Clot	
5		
6		
Port		

- 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

- Edit
- Panel Integration(Default)
- Panel Integration(Sample No)
- Panel Integration(Patient Id)
- Panel Integration(Well Name)
- Plate Integration

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	
V	CFX96	
	CFX96 Dx	

b. Language

Select a language you want to use.

\checkmark	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.



Standard History Information	
File Name	Date
dmin_2015-05-26 06-53-31, svsd	2015-05-26
admin_2015-06-17 15-40-48,svsd	2015-06-17
OK Cance	əl.

e. Nimbus/STARlet Setting

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

Instrument	>			
Language	>			
Wild Control	>			
Standard Setting	>			
Nimbus/STARlet Setting	>		CSV Enable	Sample No
Sample Index Setting	>	\checkmark	LIMS(.plrn) Enable	Patient Id
Export File Format	>		Disable	Well Name
Export All	>			
Export Melt Temperature	>			
Apply Mode	>			
Negative C(t) Value	>			
Print Items				
User Account				
Path Setting				

- **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.

Seegene **Seegene Viewer** LIMS(.plrn) × 俞 P Path Plate Barcode Enable Disable Barcode Well Name v Patient Id ~ Name 0K Cancel

- 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

Export File Format	>	\checkmark	XLSX
Export All	>		CSV
Export Melt Temperature	>		XLS

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 $Anyplex^{TM}$).

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

I. Print Items

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

Print		
Visible	Sample No	
	Patient ID	
Paper Size	A4	
	Letter	

- 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.

User Account			(1) 8+	8
3 User ID 🚺	4 User Name	5	Role	
Management				
UserName				
UserID				
Password				
Confirm Password				
Role	0 User			
	1 Manager			
Modification Date				
Subscription Date				
		20	ve User	

- 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.
- (1) If your role is a Manager, you can modify the entire account.
- Display the date when the User account was changed.
- (3) 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).

Path Setting D Open	6	
Path		
Path	2	
Export	Ē	1
Path		
Save WorkList(plrn)	Ê	1 🖻
Path		
LIMS(.plm)	È) 🗇
Path		
ОК	Cancel	

- 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

Help	
0	1

- About Seegene Viewer
- b Release Note
- O Notice
- (d) User Manual

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

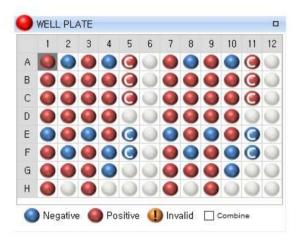
Select the $\ensuremath{\text{TestKit}}$ to be used.

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.



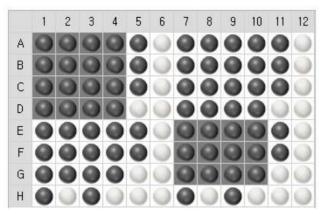
a. Status indicator of Wells

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

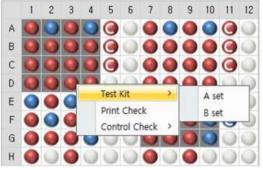
Туре	Description	Туре	Description
	Does not apply	0	Negative Control
	Positive	0	Positive Control
	Negative	0	Standard Control
X	XWTC		Invalid
M	MWTC		



b. Select Wells to apply the product

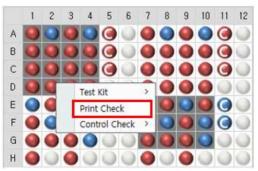


- Select Wells to apply the product by dragging it with the mouse as shown in the picture.
- c. Analyze the results with the Panel in TestKit



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

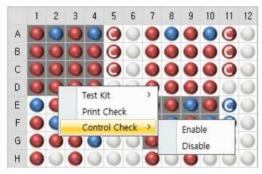
d. Print Check



 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

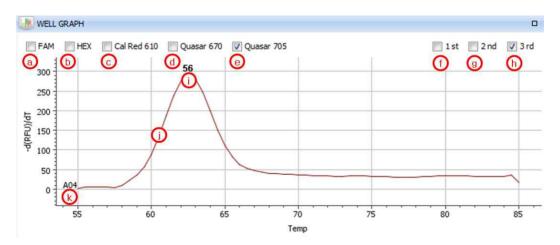


• When Well is selected on the plate after checking '**Combine**', integrated Wells set in Profile are selected together.

3. 10 Well Graph

Display a graph of the selected Well.

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



- a. Show the graph information on the FAM channel.
- b. Show the graph information on the HEX channel.
- c. 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 📗 🞑	Vertical O H
	Sample No	Patient Id	Well	Name	Туре	FAM	HEX	Cal Red 610	Quasar 670	Quasar 705	Auto Interpretation	Comment
的			A01	57	SAMPLE							
			B01	58	SAMPLE							
			C01	60	SAMPLE							
			D01	61	SAMPLE				-			
E			E01	63	SAMPLE							
			F01	64	SAMPLE							
			G01	65	SAMPLE							
			H01	66	SAMPLE				-			
B			A02	67	SAMPLE							
10			802	68	SAMPLE							
			C02	69	SAMPLE					- (
	j - j		D02	70	SAMPLE							
問			E02	71	SAMPLE							
四			F02	72	SAMPLE							
	1 0		G02	73	SAMPLE							

The Well information when importing the exported file



Well Info																	Positive	Find 🔲	O Rositive Cl			
Sample No	Patient Id	Well	Name	Туре		FAM			HEX		0	al Red 6	10	Quas	ar 670	(uasar 7	05	Quasar 670	Auto Interpretation		
		A02	1801624548		66	45	58	51	59	16	33	39	52	35	18	56	68	31	IC			
		AUZ	1001024040	SAMPLE						•		-					197			51(++),31(++)		
		A08	1801624548	anum cc	26	69	73	42	82	53	43	54	70	61	6	44	40	11	IC	51(-1,51(-1)		
		AUG	1001021010		-	-	-	-	-		-		-		-	-	-	-				
		B02	1201636567	SAMPLE		1801636567	66	45	58	51	59	16	33	39	52	35	18	56	68	31	IC	
						-	19 4 5	1 e)	140	-	-	8	~	1 × 1	14	1.14	54	(1997) (1997)	140	1999	53(+)	
		B08	1801636567	SAUNPLE	26	69	73	42	82	53	43	-54	70	61	6	44	40	11	IC	33(*)		
		000	1001050507			-	0.00	1.00	-	*	-	-	-	÷	-	-	187	(*)				
		C02	1801635202		66	45	58	51	59	16	33	39	52	35	18	56	68	31	IC			
		COZ	1001033202		-	122	104	123	-	-	1 2 (2	1 2	1.12	1.4	1.14	120	125	44			

Results displayed when TestKit is applied

- a. All **Well**s are selected.
- b. One **Well** is individually selected.
- c. Check only for positive Pathogens. You can choose only for the Pathogen you want to check.

d. Positive Check

When analyzing HPV28, HPV HR, and STI Essential products, you can check positive information by pressing the check button after entering the barcode.

Positive Check	X Solutive Check
1801624548 Check	Check
Please check the bar code number.	. 1801624548
	A02, A08
	POSITIVE, NEGATIVE
	51(++),31(++), -
OK	ОК

- e. Arrange the Wells in the 'Vertical' direction.
- f. Arrange the Wells in the 'Horizontal' direction.
- g. **Positive Count** : It shows the number of each positive target.

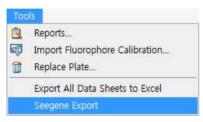


4. Exporting Raw data from Real-time PCR Instruments

• 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.

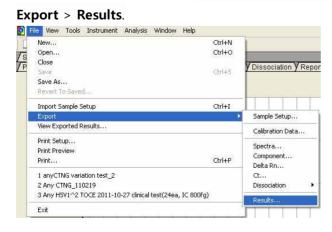
Expo	ort
	Export All Data Sheets
4	Custom Export
2	Export to LIMS Folder
	Seegene Export

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 >





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

Select Results	Export File		? 🛽
Save in Save in My Recent Documents Desktop My Documents	No.	<u>*</u>	
My Computer My Network Places	File <u>n</u> ame: Save as type:	Result Results Export Files (*.csv)	<u>S</u> ave Cancel

Do not check anything in the Export Settings.

Export Settings	
Export only selected	
OK)	Cancel

② Delta Rn file (Graph file)

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

e View Tools Instrument Analysis Window Help	
New Ct	rl+N
Open Ct	:rl+0
Close	V Dissociation V Repo
Save Ct	rl+S
Save As	
Revert To Saved	
Import Sample Setup Ct	rl+I
Export	Sample Setup
View Exported Results	Calibration Data
Print Setup	2 %
Print Preview	Spectra
Print Ct	rl+P Component
	Delta Rn
1 anyCTNG variation test_2	Ct
2 Any CTNG_110219	Dissociation 🕨
3 Any HSV1^2 TOCE 2011-10-27 clinical test(24ea, IC 800fg)	Results
Exit	

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)

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

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5. Analyzing Raw data with Seegene Viewer

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

5.1 Automatic analysis

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

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② Select the **TestKit** to apply to the selected file.

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③ Check the analyzed result.



5.2 Manual analysis

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

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② Drag the mouse to select the **Wells** to be analyzed.

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③ Select a **TestKit** to apply to the selected Wells.

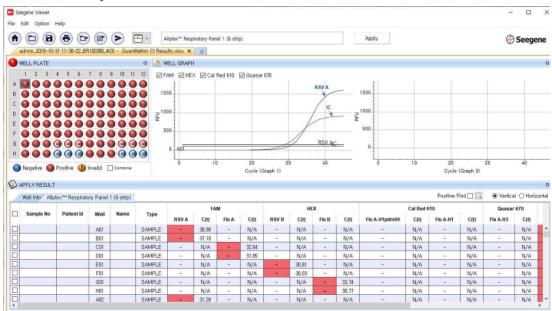
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(4) Click 'Apply' button.

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F 000	000	ac	100	99	0.3								0.3									
6 000	000	00	000	ãã	0.2								0.2									
			100		0.1								0.1									
HOOO	000	0.0			0.14								w.14									
	000	000		00	0	01 01	2 0.2	04.0	5 06	0.7	0.9		01	0.1	0.2	0.2		0.5	0.6	0.7	0.0	0.0
1 0 0 0	Positive) O C) 0 0 1 🗌 Combin	OO ne	0	0.1 0.3	2 0.3		.5 0.6 Graph 1)	0.7	0.8	0.9	1	0.1	0.2	0.3	0.4 Cyc	0.5 le (Grapi	0.6 h 2)	0.7	0.8	0.9
) O C]) Invalio	000 1 🗌 Combi	00	0	0.1 0.3	2 0.3			0.7	0.8	0.9	01	0.1	0.2	0.3				0.7	0.8	0.9
APPLY RESU		D O C	000	OO	0	0,1 0.3	2 0.3			0.7	0.8	0.9	01	0.1	0.2	0.3	Cyc	le (Grapi	h 2)			
		D Invalio	1 Combi	e O	0	0.1 0.2	2 0.3			0.7	0.8	0.9	01	0.1	0.2	0.3	Cyc		h 2)			0.9) Horiza
APPLY RESUL Well Info Sample No	LT	Well	L Combin	Туре	0	17-35 L-148-	2 0.3 HEX		Graph 1)	0.7 uasar 670	1.1442.92	0.9	0	0.1		0.3	Cyc	le (Grapi	h 2)			
APPLY RESUL Well Info Sample No	LT	Well F11		Type	0	17-35 L-148-	5 0000	Cycle (Graph 1)	0.02	1.1442.92		0	20.0		0.3	Cyc	le (Grapi	h 2)			
APPLY RESUL	LT	Well F11 G11		Type SAMPLE PC	0	17-35 L-148-	5 0000	Cycle (Graph 1)	0.02	1.1442.92		0	20.0		0.3	Cyc	le (Grapi	h 2)			
APPLY RESU	LT	Well F11 G11 H11		Type SAMPLE PC NC	0	17-35 L-148-	5 0000	Cycle (Graph 1)	0.02	1.1442.92		0	20.0		0.3	Cyc	le (Grapi	h 2)			
APPLY RESUL Well Info	LT	Well F11 G11 H11 A12		Type SAMPLE PC NC SAMPLE	0	17-35 L-148-	5 0000	Cycle (Graph 1)	0.02	1.1442.92		0	20.0		0.3	Cyc	le (Grapi	h 2)			
APPLY RESUL Well Info	LT	Well F11 G111 H11 A12 B12		Type SAMPLE PC NC SAMPLE SAMPLE	0	17-35 L-148-	5 0000	Cycle (Graph 1)	0.02	1.1442.92		0	20.0		0.3	Cyc	le (Grapi	h 2)			
APPLY RESUI	LT	Well F11 G11 H11 A12 B12 C12		Type SAMPLE PC NC SAMPLE SAMPLE SAMPLE	0	17-35 L-148-	5 0000	Cycle (Graph 1)	0.02	1.1442.92		0	20.0		0.3	Cyc	le (Grapi	h 2)			
APPLY RESUL Well Info	LT	Well F11 G11 H11 A12 B12 C12 D12		Type SAMPLE PC NC SAMPLE SAMPLE SAMPLE SAMPLE	0	17-35 L-148-	5 0000	Cycle (Graph 1)	0.02	1.1442.92		0	20.0		0.3	Cyc	le (Grapi	h 2)			
APPLY RESUL Well Info	LT	Well F11 G11 H11 A12 B12 C42 C42 D12 E12		Type SAMPLE PC NC SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE	0	17-35 L-148-	5 0000	Cycle (Graph 1)	0.02	1.1442.92		0	20.0		0.3	Cyc	le (Grapi	h 2)			
H APPLY RESU Well Info Sample No	LT	Well F11 G11 H11 A12 B12 C12 D12		Type SAMPLE PC NC SAMPLE SAMPLE SAMPLE SAMPLE	0	17-35 L-148-	5 0000	Cycle (Graph 1)	0.02	1.1442.92		0	20.0		0.3	Cyc	le (Grapi	h 2)			

(5) Check the analyzed result.





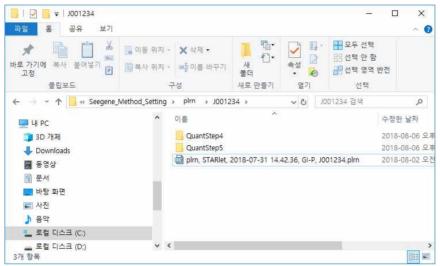
5.3 Analyzing with Plate Barcode

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

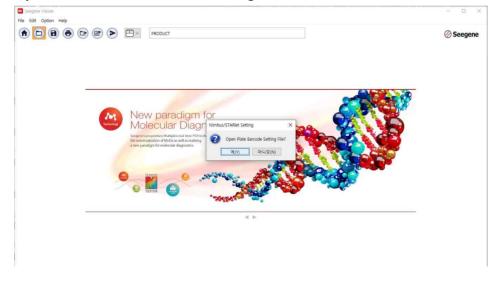
① In order to analyze with **Plate Barcode**, as shown in the example below, there must be a exported LIMS (.plrn) file in a designated folder named **Plate Barcode**.

[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.

Seedi	ene Viewer																	-		
le Edi	lit Option I	Help																		
		•		> 🗗	Allplex**	SARS-CoV-2	/FluA/FluB/	/RSV Assay	y (extractio	n-free)								G	Seeg	jene
adr	min_2018-10-	31 11-38-22_BR	100386_4(0	I) - Quantitation I	Ct Results, xisx	× ±														
WE	ELL PLATE			0	WELL GF	IAPH														
1	1 2 3	4 5 6 7	789	10 11 12	FAM Z	HEX DC	al Bed 610	17 Quas	sar 670											
A 👿					1			C] edu					1							
в 🦲					1250		-			E	ndo IC	- 1	250			_			_	
c 🦲					1000		_				Sgen	e 1	000						_	
D 🧕					묥 750		_			- /1			750							
ā			000	000	500							RFU	500					_	_	
F 🧖													250							
					250					1										
a 🦲	000				2001					//	Englague		0.1							
H 🚺	legative 🕚	D D D C		Combine	0 40		10	20 Cycle	e (Graph 1	30	End 9808 40		250	· · · · 1	0	20 Cycle (Graph 2)	30	40	
APF	legative 🥚 PLY RESULT	Pasitive 🅕 Ir	nvalid [Cycle	e (Graph 1	30	. 40 ·	100 - XI		1	-	Cycle (Positive Fi			al () Hor	
H ONI	legative 🥚 PLY RESULT	Pasitive 🅕 Ir	nvalid [Combine	(extraction-free	e)	FAN	Cycle		30	40 HEX		250		Cal Re	Cycle (Positive Fi d 610	ind 🗆 🞑	Vertic	al () Hor Qua	
APF	legative O PLY RESULT Yell Info [×] Allp	Positive () Ir lex TM SARS-Co Patient Id	v-2/FluAy Well	Combine FluB/RSV Assay Name	(extraction-fre	e) S gene	FAN C(t)	Cycle M RSV	C(t)	RdRP gene	40 HEX C(t)	Flu B	250 4	N gene	Cal Re C(t)	Cycle (Positive Fi d 610 Flu A	ind 🗆 🞑 C(t)	Vertic Endo IC	al () Hor Qua: C(t)	isar
APP	legative O PLY RESULT Yell Info [×] Allp	Positive ()) In lex**SARS-Co Patient Id SEEGENE	v-2/FluA/ Well A01	Combine FluB/RSV Assay Name KOREA	(extraction-free Type SAMPLE	e) S gene +	FAN C(t) 31,29	Cycle M RSV -	C(t) N/A	RdRP gene	40 HEX C(t) N/A	Flu B	250 0 0 C(t) N/A	N gene -	Cal Re C(t) N/A	Cycle (Positive Fi d 610 Flu A -	ind 🗆 🔍 C(t) N/A	Vertic Endo IC +	al () Hor Qua: C(t) 27.62	isar
	legative O PLY RESULT Yell Info [×] Allp	Positive () In lex [™] SARS-Co Patient Id SEEGENE Name 2	V-2/FluAy Well A01 B01	FluB/RSV Assay Name KOREA KOREA	(extraction-free Type SAMPLE SAMPLE	e) Sgene +	FAI C(t) 31.29 37.52	Cycle RSV -	C(t) N/A N/A	RdRP gene	40 HEX C(t) N/A N/A	Flu B	250 0 C(t) N/A N/A	N gene - -	Cal Re C(t) N/A N/A	Cycle (Positive Fi d 610 Flu A -	ind C(t) N/A N/A	Vertic Endo IC + +	al O Hor Qua: C(t) 27,62 27,59	isar
	legative O PLY RESULT Yell Info [×] Allp	Positive () In lex*** SARS-Co Patient Id SEEGENE Name 2 Name 3	V-2/FluA/ Well A01 C01	Combine FluB/RSV Assay Name KOREA KOREA TEST	(extraction-free Type SAMPLE SAMPLE SAMPLE	e) S gene + +	FAI C(t) 31.29 37.52 N/A	Cycle RSV - +	C(t) N/A N/A 31,06	RdRP gene - -	40 HEX C(t) N/A N/A	Flu B	250 0 C(t) N/A N/A	N gene - - -	Cal Re C(t) N/A N/A N/A	Cycle (Positive Fi d 610 Flu A - -	nd □ Q C(t) N/A N/A N/A	Vertic Endo IC + + +	al O Hor Qua: C(t) 27,62 27,59 27,35	isar)
N APP	legative O PLY RESULT Yell Info [×] Allp	Positive () In lex [™] SARS-Co Patient Id SEEGENE Name 2	V-2/FluA/ Well A01 B01 C01 D01	Combine FluB/RSV Assay Name KOREA KOREA TEST SampleID 4	(extraction-free Type SAMPLE SAMPLE SAMPLE SAMPLE	e) S gene + + - -	FAN C(t) 31,29 37,52 N/A N/A	Cycle 4 RSV - - - + *	C(t) N/A N/A 31,06 36,11	RdRP gene	40 HEX C(t) N/A N/A N/A	Flu B	250 0 C(t) N/A N/A N/A	N gene - - - -	Cal Re C(t) N/A N/A N/A N/A	Cycle (Positive Fi d 610 Flu A - -	ind □ Q C(t) N/A N/A N/A N/A	Vertic Endo IC + + + +	al () Hor Qua: C(t) 27,62 27,59 27,35 27,35	ISAF
	legative O PLY RESULT Yell Info [×] Allp	Positive ① In lex ^{***} SARS-Co Patient Id SEEGENE Name 2 Name 3 Name 4	V-2/FluA/ Well A01 C01	Combine FluB/RSV Assay Name KOREA KOREA TEST	(extraction-free Type SAMPLE SAMPLE SAMPLE	e) S gene + +	FAI C(t) 31.29 37.52 N/A	Cycle RSV - +	C(t) N/A N/A 31,06	RdRP gene - -	40 HEX C(t) N/A N/A	Flu B	250 0 C(t) N/A N/A	N gene - - -	Cal Re C(t) N/A N/A N/A	Cycle (Positive Fi d 610 Flu A - -	nd □ Q C(t) N/A N/A N/A	Vertic Endo IC + + +	al O Hor Qua: C(t) 27,62 27,59 27,35	ISAF
	legative O PLY RESULT Yell Info [×] Allp	Positive () In Patient Id SEEGENE Name 2 Name 3 Name 4 Name 5	V-2/FluA/ Well A01 B01 C01 D01 E01	Combine FluB/RSV Assay Name KOREA KOREA TEST SampleID 4 SampleID 5	(extraction-free Type SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE	e) S gene + - - -	FAN C(t) 31.29 37.52 N/A N/A N/A	V Cycle RSV - + + -	C(t) N/A N/A 31,06 36,11 N/A	RdRP gene - - - -	40 HEX C(t) N/A N/A N/A N/A 30,35	Flu B	250 0 C(t) N/A N/A N/A N/A	N gene - - - - -	Cal Re C(t) N/A N/A N/A N/A	Cycle (Positive Fi d 610 Flu A - - - -	c(t) N/A N/A N/A N/A N/A	 Vertic Endo IC + + + + + + 	al O Hor Qua: C(t) 27,62 27,59 27,35 27,93 27,53	ISAF
H ON	legative O PLY RESULT Yell Info [×] Allp	Positive ① In Rex ^{***} SARS-Co Patient Id SEEGENE Name 2 Name 4 Name 5 Name 6	V-2/FluAy Well A01 B01 C01 D01 E01 F01	Combine FluB/RSV Assay Name KOREA KOREA TEST SampleID 4 SampleID 5 SampleID 5	(extraction-free Type SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE	e) S gene + - - -	FAN C(t) 31,29 37,52 N/A N/A N/A N/A	Cycle RSV + 	C(t) N/A N/A 31,06 36,11 N/A N/A	RdRP gene 	40 HEX C(t) N/A N/A N/A 30,35 37,56	Flu B	250 0 C(t) N/A N/A N/A N/A N/A	N gene - - - - - - - - -	Cal Re C(t) N/A N/A N/A N/A N/A	Cycle (Positive Fi d 610 Flu A - - - - - -	C(t) N/A N/A N/A N/A N/A N/A	 Vertic Endo IC + + + + + + + 	al O Hor Qua: C(t) 27,62 27,59 27,35 27,93 27,53 27,51	ISAL



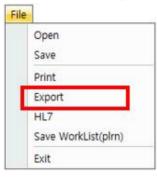
6. Exporting the analysis results from Seegene Viewer

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

6.1 Select the analysis result to export.

Well Info					_															Positiv	e Find 🗋 🔛 🛞 Vertical
Sample No	Patient id	Well	Name	Type		FA	м			HE	x			Cal Red	610		Quase	r 670	Quar	ar 670	Auto Interpretation
		A01			RSV A	C(t)	FluA	C(t)	RSV B	C(0)	Flu B	C(t)	Ru A-Htpdm09	C(t)	Flu A-H1	C(t)	Fis A-H3	C(t)	IC	C(I)	
		100				30,38	1251	N/A		N/A	1.61	N/A		N/A	1.50	N/A		N/A		28,11	
		A04			PIV4	C(I)	MPV	C(t)	PIV2	C(t)	PIV1	Ctth	AdV	C(t)	HEV	C(1)	PIV3	C(1)	IC	C(t)	
a		~~~		SAMPLE	2	N/A	120	N/A	0	N/A	12	N/A	1 i i i i i i i i i i i i i i i i i i i	30.59		N/A	12	N/A		28,10	RSV A,AdV,OC43,MP
2		A07		JANNIT LL	0C43	C(t)	HBoV	C(t)	229E	C(t)	NL63	CID	HRV	C(1)		C(t)		C(0	IC.	CRU	NOT REAL TO CASH
		A07				30.97	0651	N/A	-	N/A	1.0	N/A	(H)	N/A						30,29	
		A10			sp	C(I)	LP	C(t)	H	C(t)	BPP	C(t)	MP	C(0	98	C(1)	CP	C(t)	IC	C(Q	
		Alt			20	N/A	120	N/A		N/A	12	N/A	÷	29,38	1	N/A	S	N/A		27.64	
		801			RSV A	C(t)	Flu A	C(t)	RSV B	C(t)	Flu B	CED	Flu A-H1pdm09	C(t)	Flu A-H1	C(t)	Flu A-H3	C(t)	ю	C(t)	
		001			•5	36.37	1861	N/A	-	N/A	1.00	N/A	2	N/A	1.00	N/A	8	N/A		28,08	
		804			PIV4	C(I)	MPV	C(t)	PIV2	C(t)	PIVI	CEU	AdV	C(t)	HEV	C(1)	PIV3	C(t)	IC	C(0	
a		004		SAMPLE	27	N/A	120	N/A	0	N/A	25	N/A		35,86		N/A	2	N/A		28.08	RSV A,AdV,OC43,MP
2		807		SAMPLE	0C43	C(t)	HBoV	C(t)	229E	C(t)	NL63	C(t)	HRV	C(1)		C(t)		C(0)	IC	C(t)	KSV A,AEV,UC43,MP
		801			*:	36,51	085	N/A	-	N/A	1.60	N/A	8	N/A						30,04	-
					sp	C(I)	LP	C(t)	HE	C(1)	BPP	C(I)	MP	C(0)	BP	C(1)	CP	C(t)	ю	C(0	1
		B10				N/A	20	N/A		N/A	-	N/A		34.56	12	N/A	2	N/A		27.56	1

6.2 Select File > Export menu.



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

Sample No	Patient Id	Well	Name	Туре	FAM	C(t)	FAM	C(t)	HEX	C(t)	HEX	C(t)	Cal Red 610	C(t)	Cal Red 610	C(t)	Quasar 670	C(t)	Quasar 670	C(t)	Auto Interpretation	Comment
		A01			RSV A	C(t)	Flu A	C(t)	RSV B	C(t)	Flu B	C(t)	Flu A-H1pdm09	C(t)	Flu A-H1	C(t)	Flu A-H3	C(t)	IC	C(t)		
		-01				30.38	-	N/A	281	N/A	181	N/A		N/A	1001	N/A	-	N/A	+	28.11]	
		A04			PIV4	C(t)	MPV	C(t)	PIV2	C(t)	PIV1	C(t)	AdV	C(t)	HEV	C(t)	PIV3	C(t)	IC	C(t)		
		A04		SAMPLE		N/A	- 24	N/A	26	N/A	32	N/A		30.59	322	N/A	8	N/A		28.10	"RSV A.AdV.OC43.MP"	
		A07		JANNI LL	OC43	C(t)	HBoV	C(t)	229E	C(t)	NL63	C(t)	HRV	C(t)	1	C(t)		C(t)	IC	C(t)	101 4,401,0045,111	
		~~				30.97	-	N/A	1281	N/A	181	N/A		N/A					÷-	30.29		
		A10			SP	C(t)	LP	C(t)	HI	C(t)	BPP	C(t)	MP	C(t)	BP	C(t)	CP	C(t)	IC	C(t)		
		AIO			-	N/A	2	N/A	24	N/A	12	N/A		29.38	322	N/A	0	N/A	+	27.64		
		B01			RSV A	C(t)	Flu A	C(t)	RSV B	C(t)	Flu B	C(t)	Flu A-H1pdm09	C(t)	Flu A-H1	C(t)	Flu A-H3	C(t)	IC	C(t)		
		001				36.37		N/A	1281	N/A	125	N/A		N/A	100	N/A		N/A	*	28.08	[
		804			PIV4	C(t)	MPV	C(t)	PIV2	C(t)	PIV1	C(t)	AdV	C(t)	HEV	C(t)	PIV3	C(t)	IC	C(t)		
		004		SAMPLE	-	N/A	14	N/A	9 2 0	N/A		N/A		35.86	140	N/A	-	N/A	14°	28.08	"RSV A.AdV.OC43.MP"	
		B07		JANNIF LL	OC43	C(t)	HBoV	C(t)	229E	C(t)	NL63	C(t)	HRV	C(t)	1	C(t)		C(t)	IC	C(t)	KSV AAUV,OCTS,MIT	
		007				36.51	-	N/A	- 281	N/A	281	N/A		N/A					*	30.04	1	
		B10			SP	C(t)	LP	C(t)	HI	C(t)	BPP	C(t)	MP	C(t)	BP	C(t)	CP	C(t)	IC	C(t)		
		010			-	N/A	12	N/A	2	N/A	1	N/A		34.56	100	N/A	-	N/A	+	27.56		

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

Export File Format	>	\checkmark	XLSX
Export All	>		CSV
Export Melt Temperature	>		XLS



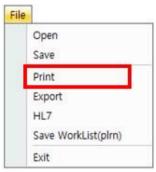
7. Printing the analysis results from Seegene Viewer

• The analysis result can be printed.

7.1 Select the analysis result to print.

	Sample No	Patient id	Well	Name	Type		FA	M			HE	x			Cal Red	610		Quasa	r 670	Quas	ar 670	Auto interpretation
		1.1750357045.1		and second	005528	RSVA	C(t)	FluA	C(0)	RSV B	C80	Flu B	CED	Ru A-H1pdm09	C(t)	Flu A-R1	C(t)	Flu A-H3	C(t)	IC	C(I)	a strain and state and
			A01			- 9 5	30,38	140	N/A	1	N/A	1.61	N/A		N/A	2.40	N/A		N/A	*	28,11	
			A04			PIV4	C(1)	MPV	C(t)	PIV2	C(t)	PIV1	Ctú	AdV	C(t)	HEV	C(1)	PIV3	C(1)	IC	Ctt	
			104		SAMPLE	1.1	N/A	220	N/A	0	N/A	12	N/A		30.59	1	N/A		N/A		28,10	RSV A.AdV.OC43.MP
2			A07		SAMPLE	0C43	C(t)	HBoV	C(t)	229E	C(0)	NL63	C(I)	HRV	C(1)		C(t)		C(0)	IC	C(II)	RSV A,ASV,OC43,MP
			107				30.97	0001	N/A		N/A	1.5	N/A	2	N/A					*	30,29	
			A10			sp	C(I)	LP	C(t)	H	C(t)	BPP	CIU	MP	C(0	BP	C(1)	CP	C(t)	IC IC	C(Q	
			2.0	-		- 24	N/A	120	N/A		N/A	14	N/A	1 - C	29,38	1 (B)	N/A		N/A		27.64	
			801			RSV A	C(t)	Flu A	C(t)	RSV B	C(t)	Flu B	C(t)	Flu A-H1pdm09	C(1)	Flu A-H1	C(t)	Flu A-H3	C(t)	IC IC	C(t)	
						9.5 A	36.37	1861	N/A		N/A	1.21	N/A		N/A	1.71	N/A		N/A		28,08	
			804			PIV4	C(I)	MPV	C(t)	PIV2	C(t)	PIV1	Ctth	AdV	C(1)	HEV	C(1)	PIV3	C(I)	IC	C(0	
2			804		SAMPLE	20	N/A	120	N/A	0	N/A	22	N/A	1 · · · · · · · · · · · · · · · · · · ·	35,86	1	N/A		N/A	÷	28.08	RSV A.AdV.OC43.MP
-			807		Soutple	0043	C(t)	HBoV	C(t)	229E	C(1)	NL63	C(t)	HRV	C(1)		C(t)		C(0)	IC	C(t)	1.31 A,AUV,0C43,00P
			307			*:	36,51	0851	N/A		N/A	1.81	N/A	8	N/A						30,04	
			B10			sp	C(I)	LP	C(t)	н	C(t)	BPP	CIU	MP	C(t)	BP	C(1)	CP	C(t)	IC.	C(0	
			010			14	N/A	220	N/A	- C	N/A	1.21	N/A		34,56	1.2	N/A	2	N/A		27,56	

7.2 Select File > Print menu.



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

Title Report				
A	llplex™ Respi	ratory Full P	anel (8 strip)	
	Operator	p [
	NIMBUS/STARIet Operator	2 I		
	Date			
	Extraction Reagent Lot No	£ [
	Lot Expiry Date	Ē.		
	PCR Reagent Lot No	8		
	Lot Expiry Date	8 J		
	Positive Control Lot No			
	Lot Expiry Date	s <u>1</u>		
	DWP Barcode	10		
	Plate Barcode			



① Print Type > Integration

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

nt Type) Integrat	tion 🗹 Inc	lude Bind	ling	() Indiv	idual	2 Incl	ide Co	introl	Ou	itput T	ype			[Prin	t [PDF		mage				Logo Image
	Report	6		•) ())	Page	Width	~															
	Sample No	Paties tid	Vel	Nenie	All	ple	XT		Re	esp		ato ×	ry	F		Pa	an	el	S	st		Ait Interpretation	Comment
			/01	4 15 11 0 1 31 25		RSVA	91	Fis A	Q(\$	RSVB	C(\$	Flu B	C(t)	pdm 89	C(6	н	O(1	HB	qŧ	IC.	C(0		
			<u> </u>	0 0		- PIV4	NIA C(\$	MPV	NVA C(t)	- PIV2	NIA C(\$	- PIVI	NIA C(t)	- AdV	N/A C(t)	- HEV	NIA C(1	- PIVS	N/A C(6	+ IC	3634 C(\$		
			104	4 15 1 1 0 5 7 5 7 4	SAMPLE	-	NA	-	NVA	-	NIA	-	NIA	-	NIA	-	NA	-	NA	+	32.44	HRV.SP	
			701	5 6 4 1 1 9 5 9 7 4 5 7	SAMPLE	0C43	qş	HBIV	Q(\$	225E	C(\$	NL63	C(t)	HRV	C(\$		d,		Q(\$	IC .	C(9	HRV, SP	
			-			- SP	NIA CIN	- LP	NVA Q10	а Н	N/A C(\$	- BPP	N/A C(t)	+ HP	3132 C(6	8P	qt	CP	916	+	38 2 I		
			A10	4 18 1 1 0 69 7 28 7		*	18.70	21	NA	- 22	NIA	-	NIA	- (C	NA	-	NA	14)	NA	. *	40.45		
			801	\$ 32 11 991 3 144		RSVA	C(1)	Plu A	C(†	RSV B	C()	Pu B	C(t) N(A	pdn 89	C(¢	HI	Q()	H8	C(6	Ю +	C(9 3195		
			804	4 15 1 1 0 59 7 67 6		PIV4	Q\$	MPV	C(¢	PIV2	C(\$	PIVI	C(t)	Adv	C(0	HEV	Qg	PIVO	9.6	IC	C(8		
				• 011002101	SAMPLE	- 0C40	NA C(1	- HBsV	NVA Q(t)	-	C(8	- NL63	N/A C(t)	- HRV	N/A C(t)		NIA Q(1		N/A C(t)	+ KC	34.4.1 C(0	MP	
			807	664110697481		- 0.0	NA	-	NA	-	NIA	-	NIA	-	NIA		41		ME	+.	37 34		
			810	4 18 1 1 0 69 7 3 2 6		SP	94	LP	0(6	н	C()	8P P	C(t)	HP.	C(6	BP	99	CP	Qŧ	ю	C(9		
			2843	Second Second		- RSVA	N/A C(1)	- Fix A	NVA Q(6	- RSV B	NIA C(8	- Fiu B	N/A C(t)	+ pdm89	40.53 C(6	- H1	N/A Q(d	- H0	N/A Qte	+ KC			
			001	§ 64110596216		-	NA		N/A		NIA	•	NIA		NIA		NIA		NA		NIA		
						PIVA	CI1	MPV	Q() N/A	PIV2	C()	PIVI	C(t) N(A	Adv	C(t) N/A	HEV	Q(4	PIVS	Q(\$	ю +	C(9 32 8 1	1000	11.11.0.0
			C0.4	\$ 64110557588					C(e	22 SE	C(1)	NL63	C(t)	HRV	C(6		0(1		C(6	IC IC	C(\$	BP	lovalid (RP 1)
				Theorem and the	SAMPLE	0048	Q(\$	HB∎V							NIA					+	3155		
			C0 4 C0 7	8 6411 055 7688 4 15 11 055 76 16	SAMPLE	0048	NA	•	NVA	-	NIA		NIA	5	10000								
				Theorem and the	SAMPLE	0048				н	NIA C(1) NIA	e BPP	NIA C(t) NIA	iiP	C(t)	8P	C(1	CP -	C(t)	IC +	C(8		
			007	4 15 1 1 0 5 7 5 1 6	SAMPLE	0C43 - SP	NA C[1	- LP	NVA C(0	н	C(1)	8PP	C(t)	IP		8P + H1		-					

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.

🔿 Integration 🛛 Include Bindin					Outpu	t Type												Logo Image	
	g 🔘 Individual 🖂	Inclu	le Con	trol					[Print	F	DF	Ima	ige				Import	Delete
Report																			
(K) K) 1 24	()()	100%		~															
-																			
	Α	lpl	ex	TM	Re	spii	rate	orv	Εu	III F	Pan	e	(8)	stri	p)				
	, ,	P	0/1			op.	-	.,					(0	-u	Ρ/				
	Sample No	2	٦Ľ														- 1		
	Sample No											_					_		
	Patient Id			Patient Name															
	Well		[A	01, A0	4, A07	, A10]			Data	Analy	sis Tin	16	2021	-06-02					
										123	6								
	-SAMPLE-																		
	Auto Interpretation	RSVA	C(t)	AM Flu A	C(t)	PSV B	C(t)	EX Flu B	CN	pdm/09	Cal R	H1 610	Cm	Quas H3	C(t)	Quas	ar670 ⊂(t)		
		+	30.38		NIA	-	N/A	1940	NA	-	N/A	-	NA	-	N/A		28.11		
		PIV4	C(1)	MPV	C(t)	PN2	C(t)	PIV1	CN	AdV	C (t)	HEV	C(t)	PIV3	C (t)	IC	C(t)		
	RSV A, AdV, OC43, MP	- 10	NA C(t)	HBoV	N/A C(t)	- 229E	N/A C(t)	NL63	N/A C(t)	+ HRV	30.59 C(t)		NIA C(t)		N/A C(t)	+ 1C	28.10 C(t)		
	RSV A, AdV, OC43, MP	0040			Cit	TTOE		14063		- HEV	N/A		00	-	- (k)	+			
	RSV A, AdV, OC43, MP	0C43	30.97	32%	N/A		N/A	847.	NA								30.29		
	PSV A, AdV, OC43, MP			- LP	N/A C(t)	Н	N/A C(t)	- BPP	C(t)	MP	C(t)	8P	CN	CP	C(t)	IC	30.29 C(t)		

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

Allplex Respi	ratory Full Panel (8 s	suip)
Operator		
NIMBUS/STARIet 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		

b. Example with logo image in the individual type printout

200	(884)	A	
0	10 20 30 40 Cycle (Graph 1)	0 10 20 30 40 50 Cycle (Graph 2)	
		5 X Z S	
		Seegene	
7.0 0000 00	-31 11-38-12_BR101661_6(0)		

④ Logo Image > Delete

Delete the logo image on the analysis result printout.