

Programming the ABI 7500 FAST – Double Screen (35S/NOS/IPC) using Eurofins GeneScan reagent

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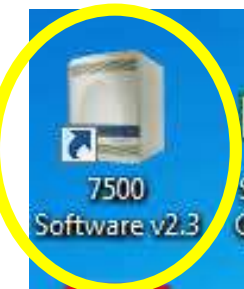
GMO Testing Facility

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Kopiereg voorbehou

UNIVERSITY OF THE
FREE STATE
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VRYSTAAT
YUNIVESITHI YA
FREISTATA



UFS·UV
HEALTH SCIENCES
GESONDHEIDSWETENSAPPE



7500 Software v2.3
SLC22A1 Quant e...
BCR-ABL and GUS multiplex
FGMM08 version 1...

Acrobat Reader DC
PDFCreator
Print-Spool...
FGMM08 version test

Druva inSync
08-06-2016
Multiplex BCR-ABL...
GMO Testing Facility quo...

HRM Getting Started Guide
GML patient database ...
MD-B2A2 and B3A2 ...
FGMM01 version 05...

HRM v2.0.1
Sample 9880
Faxing and
GMO Testing

Login

To log in to the software, either:

- Click "Log in as Guest" to log in anonymously, or
- Select an existing user from the drop-down list, or enter a new user name in the field, then click "OK."

User Name:

Log in as Guest Delete User(s) **OK**





Connecting to Instrument...



7500 Software

For 7500 and 7500 Fast Real-Time PCR systems

v2.3

Instrument Connection Failed



Cannot connect to the instrument.

If your computer is connected directly to the instrument (colocated), check the instrument power and the instrument-computer connection, then click "Retry."

If your computer is not connected to the instrument, click "Continue without Connection."

To start the software next time without connecting, go to Tools ► Preferences, then change the selections on the Startup tab.

Retry

Continue without Connection



Set Up

Design Wizard



Advanced Setup



Template



Run

QuickStart



Analyze

Analyze Experiment



Save current display as the default

7500 & 7500 Fast

Applied Biosystems Home
Real-Time PCR Decision Tree

Create and set up a new experiment



Set Up

Design Wizard



Advanced Setup



Template



Run

QuickStart



Analyze

Analyze Experiment



Save current display as the default

7500 & 7500 Fast

Applied Biosystems Home
Real-Time PCR Decision Tree

Experiment Menu <<

Experiment: Untitled

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Setup

Experiment Properties

Plate Setup

Run Method

Reaction Setup

Materials List

Run

Analysis

Experiment Properties

Enter an experiment name, select the instrument type, select the type of experiment to set up, then select materials and methods for the PCR reactions and instrument run.

How do you want to identify this experiment?

* Experiment Name: Untitled

Barcode (Optional):

User Name (Optional):

Comments (Optional):

* Which instrument are you using to run the experiment?

✓ 7500 (96 Wells)

7500 Fast (96 Wells)

Set up, run, and analyze an experiment using a 4- or 5-color, 96-well system.

* What type of experiment do you want to set up?

✓ Quantitation - Standard Curve

Quantitation - Relative Standard Curve

Quantitation - Comparative Ct ($\Delta\Delta C_T$)

Melt Curve

Genotyping

Presence/Absence

Use standards to determine the absolute quantity of target nucleic acid sequence in samples.

* Which reagents do you want to use to detect the target sequence?

✓ TaqMan® Reagents

SYBR® Green Reagents

Other

The PCR reactions contain primers designed to amplify the target sequence and a TaqMan® probe designed to detect amplification of the target sequence.

* Which ramp speed do you want to use in the instrument run?

✓ Standard (~ 2 hours to complete a run)

For optimal results with the standard ramp speed, Applied Biosystems recommends using standard reagents for your PCR reactions.

7500 Software v2.3

File Edit Instrument Analysis Tools Help

New Experiment Open Save Close Export Print Report

Experiment Menu << Experiment: Untitled Type: Standard Curve Reagents: TaqMan® Reagents START RUN ?

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Experiment Properties

Enter an experiment name, select the instrument type, select the type of experiment to set up, then select materials and methods for the PCR reactions and instrument run.

How do you want to identify this experiment?

* Experiment Name:

Barcode (Optional):

User Name (Optional):

Comments (Optional):

Which instrument are you using to run the experiment?

7500 (96 Wells) 7500 Fast (96 Wells)

Set up, run, and analyze an experiment using a 4- or 5-color, 96-well system.

What type of experiment do you want to set up?

Quantitation - Standard Curve Quantitation - Relative Standard Curve Quantitation - Comparative Ct ($\Delta\Delta C_t$)

Melt Curve Genotyping Presence/Absence

Use standards to determine the absolute quantity of target nucleic acid sequence in samples.

Which reagents do you want to use to detect the target sequence?

TaqMan® Reagents SYBR® Green Reagents Other

The PCR reactions contain primers designed to amplify the target sequence and a TaqMan® probe designed to detect amplification of the target sequence.

Which ramp speed do you want to use in the instrument run?

Standard (~ 2 hours to complete a run)

For optimal results with the standard ramp speed, Applied Biosystems recommends using standard reagents for your PCR reactions.

Home Untitled x

7500 Software v2.5
File Edit Instrument Analysis Tools Help
New Experiment Open Save Close Export Print Report

Experiment Menu << Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents START RUN ?

Setup
Experiment Properties
Plate Setup
Run Method
Reaction Setup
Materials List

Run
Analysis

Experiment Properties

Enter an experiment name, select the instrument type, select the type of experiment to set up, then select materials and methods for the PCR reactions and instrument run.

How do you want to identify this experiment?

* Experiment Name:

Barcode (Optional):

User Name (Optional):

Comments (Optional):

* Which instrument are you using to run the experiment?

7500 (96 Wells) 7500 Fast (96 Wells)

Set up, run, and analyze an experiment using a 4- or 5-color, 96-well system.

* What type of experiment do you want to set up?

Quantitation - Standard Curve Quantitation - Relative Standard Curve Quantitation - Comparative Ct ($\Delta\Delta Ct$)

Melt Curve Genotyping Presence/Absence

Use standards to determine the absolute quantity of target nucleic acid sequence in samples.

* Which reagents do you want to use to detect the target sequence?

TaqMan® Reagents SYBR® Green Reagents Other

The PCR reactions contain primers designed to amplify the target sequence and a TaqMan® probe designed to detect amplification of the target sequence.

* Which ramp speed do you want to use in the instrument run?

Standard (~ 2 hours to complete a run)

For optimal results with the standard ramp speed, Applied Biosystems recommends using standard reagents for your PCR reactions.

Home Untitled x

Experiment Menu <<

- Setup**
- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List
- Run
- Analysis

Experiment Properties

Enter an experiment name, select the instrument type, select the type of experiment to set up, then select materials and methods for the PCR reactions and instrument run.

How do you want to identify this experiment?

* Experiment Name:

Barcode (Optional):

User Name (Optional):

Comments (Optional):

Which instrument are you using to run the experiment?

7500 (96 Wells) 7500 Fast (96 Wells)

Set up, run, and analyze an experiment using a 4- or 5-color, 96-well system.

What type of experiment do you want to set up?

Quantitation - Standard Curve Quantitation - Relative Standard Curve Quantitation - Comparative Ct ($\Delta\Delta Ct$)

Melt Curve Genotyping Presence/Absence

Use standards to determine the absolute quantity of target nucleic acid sequence in samples.

Which reagents do you want to use to detect the target sequence?

TaqMan® Reagents SYBR® Green Reagents Other

The PCR reactions contain primers designed to amplify the target sequence and a TaqMan® probe designed to detect amplification of the target sequence.

Which ramp speed do you want to use in the instrument run?

Standard (~ 2 hours to complete a run)

For optimal results with the standard ramp speed, Applied Biosystems recommends using standard reagents for your PCR reactions.

Experiment Menu <<

- Setup
- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List
- Run
- Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Experiment Properties

Enter an experiment name, select the instrument type, select the type of experiment to set up, then select materials and methods for the PCR reactions and instrument run.

How do you want to identify this experiment?

* Experiment Name:

Barcode (Optional):

User Name (Optional):

Comments (Optional):

Which instrument

Confirm Instrument Type Change

Are you sure you want to change the instrument type? All setup information will be lost.

What type of experiment do you want to set up?

Use standards to determine the absolute quantity of target nucleic acid sequence in samples.

Which reagents do you want to use to detect the target sequence?

The PCR reactions contain primers designed to amplify the target sequence and a TaqMan® probe designed to detect amplification of the target sequence.

Which ramp speed do you want to use in the instrument run?

Experiment Menu <<

Setup

Experiment Properties

Plate Setup

Run Method

Reaction Setup

Materials List

Run

Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Experiment Properties

Enter an experiment name, select the instrument type, select the type of experiment to set up, then select materials and methods for the PCR reactions and instrument run.

How do you want to identify this experiment?

* Experiment Name:

Barcode (Optional):

User Name (Optional):

Comments (Optional):

* Which instrument are you using to run the experiment?

Set up, run, and analyze an experiment using a fast cycling 5-color, 96-well system.

* What type of experiment do you want to set up?

Use standards to determine the absolute quantity of target nucleic acid sequence in samples.

* Which reagents do you want to use to detect the target sequence?

The PCR reactions contain primers designed to amplify the target sequence and a TaqMan® probe designed to detect amplification of the target sequence.

* Which ramp speed do you want to use in the instrument run?

For optimal results with the Fast ramp speed, Applied Biosystems recommends using Fast reagents for your PCR reactions.

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Setup

Experiment Properties

Plate Setup

Run Method

Reaction Setup

Materials List

Run

Analysis

Experiment Properties

Enter an experiment name, select the instrument type, select the type of experiment to set up, then select materials and methods for the PCR reactions and instrument run.

How do you want to identify this experiment?

* Experiment Name:

Barcode (Optional):

User Name (Optional):

Comments (Optional):

* Which instrument are you using to run the experiment?

Set up, run, and analyze an experiment using a fast cycling 5-color, 96-well system.

* What type of experiment do you want to set up?

Use standards to determine the absolute quantity of target nucleic acid sequence in samples.

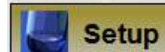
* Which reagents do you want to use to detect the target sequence?

The PCR reactions contain primers designed to amplify the target sequence and a TaqMan® probe designed to detect amplification of the target sequence.

* Which ramp speed do you want to use in the instrument run?

For optimal results with the standard ramp speed, Applied Biosystems recommends using standard reagents for your PCR reactions.

Experiment Menu <<



Setup



Experiment Properties



Plate Setup



Run Method



Reaction Setup



Materials List



Run



Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Experiment Properties

Enter an experiment name, select the instrument type, select the type of experiment to set up, then select materials and methods for the PCR reactions and instrument run.

How do you want to identify this experiment?

* Experiment Name: Double Screen

Barcode (Optional):

User Name (Optional):

Comments (Optional):

* Which instrument are you using to run the experiment?

7500 (96 Wells)

✓ 7500 Fast (96 Wells)

Set up, run, and analyze an experiment using a fast cycling 5-color, 96-well system.

* What type of experiment do you want to set up?

✓ Quantitation - Standard Curve

Quantitation - Relative Standard Curve

Quantitation - Comparative Ct ($\Delta\Delta Ct$)

Melt Curve

Genotyping

Presence/Absence

Use standards to determine the absolute quantity of target nucleic acid sequence in samples.

* Which reagents do you want to use to detect the target sequence?

✓ TaqMan® Reagents

SYBR® Green Reagents

Other

The PCR reactions contain primers designed to amplify the target sequence and a TaqMan® probe designed to detect amplification of the target sequence.

* Which ramp speed do you want to use in the instrument run?

✓ Standard (~ 2 hours to complete a run)

Fast (~ 40 minutes to complete a run)

For optimal results with the standard ramp speed, Applied Biosystems recommends using standard reagents for your PCR reactions.

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

I Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
Target 1	FAM	NFQ-MGB	

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	

Define Biological Replicate Groups

I Instructions: For each biological replicate group in the reaction plate, click **Add Biological Group**, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Experiment Menu <<

Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents **START RUN** ?

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

I Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	NFQ-MGB	

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	

Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Define Biological Replicate Groups

I Instructions: For each biological replicate group in the reaction plate, click **Add Biological Group**, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

7500 Software v2.3
File Edit Instrument Analysis Tools Help
New Experiment Open Save Close Export Print Report

Experiment Menu << Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents START RUN ?

Setup
Experiment Properties
Plate Setup
Run Method
Reaction Setup
Materials List
Run
Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Target Name	Reporter	Quencher	Color
5035S	FAM	None	

Define Samples

Sample Name	Color
Sample 1	

Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Biological Group Name	Color	Comments
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Assign Targets and Samples

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File Edit Instrument Analysis Tools Help

New Experiment Open Save Close Export Print Report

Experiment Menu << Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents START RUN ?

Setup

- Experiment Properties
- Plate Setup**
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Home Untitled x

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File Edit Instrument Analysis Tools Help

New Experiment Open Save Close Export Print Report

Experiment Menu << Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents START RUN ?

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Define Targets

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	
Target 1	FAM	NFQ-MGB	

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	FAM	NFQ-MGB	Green

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	Blue

Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
-----------------------	-------	----------

Assign Targets and Samples

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples

Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	FAM	NFQ-MGB	Green

↓

- CY3
- CY5
- FAM
- JOE**
- MeltdDoctor
- NED
- ROX
- SYBR



Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Define Samples

Sample Name	Color
Sample 1	Blue

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Biological Group Name	Color	Comments
-----------------------	-------	----------

Assign Targets and Samples

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Setup

Experiment Properties

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Analysis

Define Targets and Samples

Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	
50nos	JOE	NFQ-MGB	

NFQ-MGB
None
TAMRA

Refer to page 19 of the Eurofins GeneScan
GMOScreen RT 35S/NOS/IPC kit insert for
reporter and quencher information

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	

Define Biological Replicate Groups

 Instructions: For each biological replicate group in the reaction plate, click **Add Biological Group**, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
-----------------------	-------	----------

Assign Targets and Samples

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN ▶▶

**Setup**

Experiment Properties

Plate Setup

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Reaction Setup

Materials List

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Analysis

Define Targets and Samples

Assign Targets and Samples

I Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	Blue

Refer to page 19 of the Eurofins GeneScan GMOScreen RT
35S/NOS/IPC kit insert for reporter and quencher information

Define Biological Replicate Groups

I Instructions: For each biological replicate group in the reaction plate, click **Add Biological Group**, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

I Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
Target 1	FAM	NFQ-MGB	Pink

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	Blue

Define Biological Replicate Groups

I Instructions: For each biological replicate group in the reaction plate, click **Add Biological Group**, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



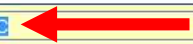
- Setup
- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List
- Run
- Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
50IPC	FAM	NFQ-MGB	Pink



Define Samples

Sample Name	Color
Sample 1	Blue

Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Biological Group Name	Color	Comments
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Assign Targets and Samples

Setup

- Experiment Properties
- Plate Setup
- Run Method
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- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	
50nos	JOE	None	
50IPC	FAM	NFQ-MGB	

↓

- CY3
- CY5**
- FAM
- JOE
- MeltdDoctor
- NED
- ROX
- SYBR

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	



Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

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- Experiment Properties
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- Materials List

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Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	
50nos	JOE	None	
50IPC	CY5	NFQ-MGB	

↓

- NFQ-MGB
- None
- TAMRA

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	

Refer to page 19 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

Experiment Menu <<

Setup

Experiment Properties

Plate Setup

Run Method

Reaction Setup

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Run

Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN ▶



Define Targets and Samples

Assign Targets and Samples

I Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
50IPC	CY5	None	Pink

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	Blue

Define Biological Replicate Groups

I Instructions: For each biological replicate group in the reaction plate, click **Add Biological Group**, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
50IPC	CY5	None	Pink

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
Sample 1	Blue

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
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Assign Targets and Samples

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>

**Setup**

Experiment Properties

Plate Setup

Run Method

Reaction Setup

Materials List

Run**Analysis**

Define Targets and Samples

Assign Targets and Samples

I Instructions: Define the targets to quantify and the samples to test in the reaction plate.**Define Targets**

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
50IPC	CY5	None	Pink

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
NC	Blue

Define Biological Replicate Groups**I** Instructions: For each biological replicate group in the reaction plate, click **Add Biological Group**, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
-----------------------	-------	----------

Assign Targets and Samples

Experiment Menu <<

Setup

Experiment Properties

Plate Setup

Run Method

Reaction Setup

Materials List

Run

Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Define Targets and Samples

Assign Targets and Samples

I Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
50IPC	CY5	None	Pink

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
NC	Blue
Sample 1	Green

Define Biological Replicate Groups

I Instructions: For each biological replicate group in the reaction plate, click **Add Biological Group**, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
-----------------------	-------	----------

Assign Targets and Samples

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples

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I Instructions: Define the targets to quantify and the samples to test in the reaction plate.

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Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
50IPC	CY5	None	Pink

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
NC	Blue
PC	Green

Define Biological Replicate Groups

I Instructions: For each biological replicate group in the reaction plate, click **Add Biological Group**, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
-----------------------	-------	----------

Assign Targets and Samples

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Setup

- Experiment Properties
- Plate Setup**
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
50IPC	CY5	None	Pink

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
NC	Blue
PC	Green
Sample 1	Yellow

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
-----------------------	-------	----------

Assign Targets and Samples

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN ▶▶



Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
50IPC	CY5	None	Pink

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
PC	Yellow
Sample 1	Yellow
Sample 2	Green
Sample 3	Orange
Sample 4	Red
Sample 5	Light Green
Sample 6	Light Green

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
-----------------------	-------	----------

Assign Targets and Samples

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN ▶▶



Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples

Assign Targets and Samples



Instructions: Define the targets to quantify and the samples to test in the reaction plate.

Define Targets

Add New Target Add Saved Target Save Target Delete Target

Target Name	Reporter	Quencher	Color
5035S	FAM	None	Blue
50nos	JOE	None	Green
50IPC	CY5	None	Pink

Define Samples

Add New Sample Add Saved Sample Save Sample Delete Sample

Sample Name	Color
PC	Yellow
Sample 1	Yellow
Sample 2	Green
Sample 3	Orange
Sample 4	Red
Sample 5	Light Green
Sample 6	Light Green

Define Biological Replicate Groups

Instructions: For each biological replicate group in the reaction plate, click Add Biological Group, then define the biological group.

Add Biological Group Delete Biological Group

Biological Group Name	Color	Comments
-----------------------	-------	----------

Assign Targets and Samples

7500 Software v2.3
 File Edit Instrument Analysis Tools Help
 New Experiment Open Save Close Export Print Report

Experiment Menu << Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents START RUN ?

Define Targets and Samples **Assign Targets and Samples**

Instructions:
 To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input type="checkbox"/>	5035S	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input type="checkbox"/>	50nos	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input type="checkbox"/>	50IPC	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	

* Mixed U Unknown S Standard N Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	NC
<input type="checkbox"/>	PC
<input type="checkbox"/>	Sample 1

Assign sample(s) of selected well(s) to biological

Assign	Biological Group
<input type="checkbox"/>	

Select the dye to use as the passive reference.

ROX

View Plate Layout View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F												
G												
H												

Wells: U 0 Unknown S 0 Standard N 0 Negative Control 96 Empty

Home Untitled x

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples

Assign Targets and Samples

Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input type="checkbox"/>	5035S	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input type="checkbox"/>	50nos	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input type="checkbox"/>	50IPC	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	

* Mixed U Unknown S Standard N Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	NC
<input type="checkbox"/>	PC
<input type="checkbox"/>	Sample 1

Assign sample(s) of selected well(s) to biological

Assign	Biological Group
<input type="checkbox"/>	

Select the dye to use as the passive reference.

ROX

View Plate Layout

View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

Wells: U 0 Unknown S 0 Standard N 0 Negative Control

96 Empty

Experiment Menu <<

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Define Targets and Samples Assign Targets and Samples

I Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input type="checkbox"/>	50nos	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input type="checkbox"/>	50IPC	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	

* Mixed U Unknown S Standard N Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	NC
<input type="checkbox"/>	PC
<input type="checkbox"/>	Sample 1

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

Wells: U 96 Unknown S 0 Standard N 0 Negative Control 0 Empty

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >



- Setup**
- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List
- Run
- Analysis

Define Targets and Samples

Assign Targets and Samples

Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input type="checkbox"/>	50IPC	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	

Mixed Unknown Standard Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	NC
<input type="checkbox"/>	PC
<input type="checkbox"/>	Sample 1

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout

View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells

View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
B	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
C	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
D	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
E	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
F	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
G	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
H	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...

Wells: 96 Unknown 0 Standard 0 Negative Control

0 Empty

Experiment Menu

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN



- Setup
- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List
- Run
- Analysis

Define Targets and Samples

Assign Targets and Samples

Instructions:
 To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	

Mixed U Unknown S Standard N Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	NC
<input type="checkbox"/>	PC
<input type="checkbox"/>	Sample 1

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout

View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
B	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
C	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
D	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
E	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
F	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
G	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
H	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...

Wells: U 96 Unknown S 0 Standard N 0 Negative Control

0 Empty

Experiment Menu <<

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Define Targets and Samples

Assign Targets and Samples

Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	

* Mixed U Unknown S Standard N Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	NC
<input type="checkbox"/>	PC
<input type="checkbox"/>	Sample 1

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout

View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
B	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
C	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
D	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
E	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
F	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
G	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...
H	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...	U 50l...

Wells: U 96 Unknown S 0 Standard N 0 Negative Control

0 Empty

Experiment Menu

- Setup
 - Experiment Properties
 - Plate Setup
 - Run Method
 - Reaction Setup
 - Materials List
- Run
- Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN



Define Targets and Samples

Assign Targets and Samples

Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> N	

Mixed U Unknown S Standard N Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	NC
<input type="checkbox"/>	PC
<input type="checkbox"/>	Sample 1

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout

View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	<input checked="" type="checkbox"/> N 50...	<input checked="" type="checkbox"/> N 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...
B	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...
C	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...
D	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...
E	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...
F	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...
G	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...
H	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...	<input type="checkbox"/> U 50...

Wells: U 94 Unknown S 0 Standard N 2 Negative Control

0 Empty

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



Setup

Experiment Properties

Plate Setup

Run Method

Reaction Setup

Materials List

Run

Analysis

Define Targets and Samples

Assign Targets and Samples

I Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

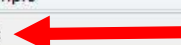
Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	

* Mixed U Unknown S Standard N Negative Con

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input checked="" type="checkbox"/>	NC 
<input type="checkbox"/>	PC
<input type="checkbox"/>	Sample 1

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout

View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells

View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	<input type="checkbox"/> N 50... <input type="checkbox"/> N 501...	<input type="checkbox"/> N 50... <input type="checkbox"/> N 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...
B	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...
C	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...
D	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...
E	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...
F	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...
G	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...
H	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 501...

Wells: 94 Unknown 0 Standard 2 Negative Control

0 Empty

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	

Mixed Unknown Standard Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	NC
<input checked="" type="checkbox"/>	PC
<input type="checkbox"/>	Sample 1

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout View Well Table

Select Wells With: -Select Item - -Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	N 50...	N 50...	U 50...	U 50...	S 50...	S 50...	S 50...	S 50...	S 50...	S 50...	S 50...	S 50...
B	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
C	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
D	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
E	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
F	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
G	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
H	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...

Wells: 94 Unknown 0 Standard 2 Negative Control 0 Empty

Experiment Menu

Setup

Experiment Properties

Plate Setup

Run Method

Reaction Setup

Materials List

Run

Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN



Define Targets and Samples

Assign Targets and Samples

Instructions: To set up standards: Click "Define and Set Up Standards." To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample. To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	

Mixed U Unknown S Standard N Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input checked="" type="checkbox"/>	Sample 1
<input type="checkbox"/>	Sample 2
<input type="checkbox"/>	Sample 3

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout

View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	N 50...	N 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
B	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
C	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
D	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
E	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
F	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
G	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
H	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...

Wells: U 94 Unknown S 0 Standard N 2 Negative Control

0 Empty

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: To set up standards: Click "Define and Set Up Standards."
To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	

Mixed U Unknown S Standard N Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	Sample 1
<input checked="" type="checkbox"/>	Sample 2
<input type="checkbox"/>	Sample 3

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	<input type="checkbox"/> N 50... <input type="checkbox"/> N 50...	<input type="checkbox"/> N 50... <input type="checkbox"/> N 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...
B	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...
C	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...
D	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...
E	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...
F	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...
G	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...
H	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...	<input type="checkbox"/> U 50... <input type="checkbox"/> U 50...

Wells: U 94 Unknown S 0 Standard N 2 Negative Control 0 Empty

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



- Setup**
- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Define Targets and Samples Assign Targets and Samples

Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input checked="" type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input checked="" type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input checked="" type="checkbox"/> U <input checked="" type="checkbox"/> S <input type="checkbox"/> N	

Mixed Unknown Standard Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	Sample 1
<input type="checkbox"/>	Sample 2
<input checked="" type="checkbox"/>	Sample 3

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	N 50...	N 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
B	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
C	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
D	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
E	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
F	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
G	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...
H	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...	U 50...

Wells: U 94 Unknown S 0 Standard N 2 Negative Control 0 Empty

7500 Software v2.3

File Edit Instrument Analysis Tools Help

New Experiment Open Save Close Export Print Report

Experiment Menu << Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents START RUN ?

Define Targets and Samples Assign Targets and Samples

Instructions: To set up standards: Click Define and Set Up Standards.
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells. < View Plate Layout View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

Assign	Target	Task	Quan
<input checked="" type="checkbox"/>	5035S	<input checked="" type="checkbox"/> U <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input checked="" type="checkbox"/> U <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input checked="" type="checkbox"/> U <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> N	

Mixed Unknown Standard Negative Control

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	Sample 1
<input type="checkbox"/>	Sample 2
<input checked="" type="checkbox"/>	Sample 3

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

	1	2	3	4	5	6	7	8	9	10	11	12
A	<input checked="" type="checkbox"/> N 50...	<input checked="" type="checkbox"/> N 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...
B	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...
C	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...
D	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...
E	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...
F	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...
G	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...
H	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...	<input checked="" type="checkbox"/> U 50...

Wells: 94 Unknown 0 Standard 2 Negative Control 0 Empty

Experiment Menu <<

Setup

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

Run

Analysis

Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents **START RUN >>** ?

Define Targets and Samples **Assign Targets and Samples**

I Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

> **View Plate Layout** View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells ▾ View Legend [Zoom In] [Zoom Out] [Reset]

	1	2	3	4	5	6	7	8	9	10	11	12
A	NC N 5035S	NC N 5035S	PC U 5035S	PC U 5035S	Sample 1 U 5035S	Sample 1 U 5035S	Sample 2 U 5035S	Sample 2 U 5035S	Sample 3 U 5035S	Sample 3 U 5035S	U 5035S	U 5035S
	N 50IPC	N 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC
	N 50nos	N 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos
B	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S
	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC
	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos
C	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S
	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC
	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos
D	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S
	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC	U 50IPC
	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos	U 50nos
	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S	U 5035S

Wells: U 94 Unknown S 0 Standard N 2 Negative Control

Target: 5035S
Task: Unknown
Dye: FAM-None

Target: 50IPC
Task: Unknown
Dye: CY5-None

Target: 50nos
Task: Unknown

0 Empty

Experiment Menu <<

- Setup**
- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List
- Run**
- Analysis**

Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents **START RUN >>** ?

Define Targets and Samples **Assign Targets and Samples**

I Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

View Plate Layout View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells ▾ View Legend [Zoom In] [Zoom Out] [Reset]

	1	2	3	4	5	6	7	8	9	10	11	12
A	NC 5035S 50IPC 50nos	NC 5035S 50IPC 50nos	PC 5035S 50IPC 50nos	PC 5035S 50IPC 50nos	Sample 1 5035S 50IPC 50nos	Sample 1 5035S 50IPC 50nos	Sample 2 5035S 50IPC 50nos	Sample 2 5035S 50IPC 50nos	Sample 3 5035S 50IPC 50nos	Sample 3 5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos
B	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos
C	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos
D	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos	5035S 50IPC 50nos

Wells: **U** 94 Unknown **S** 0 Standard **N** 2 Negative Control

Target: 5035S
Task: Unknown
Dye: FAM-None

Target: 50IPC
Task: Unknown
Dye: CY5-None

Target: 50nos
Task: Unknown

7500 Software v2.3

File Edit Instrument Analysis Tools Help

New Experiment Open Save Close Export Print Report

Experiment Menu << Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents **START RUN** ?

Define Targets and Samples Assign Targets and Samples

I Instructions: To set up standards: Click "Define and Set Up Standards."
 To set up unknowns: Select wells, assign target(s), select "U" (Unknown) as the task for each target assignment, then assign a sample.
 To set up negative controls: Select wells, assign target(s), then select "N" (Negative Control) as the task for each target assignment.

Assign target(s) to the selected wells.

Assign	Target	Task	Qual
<input checked="" type="checkbox"/>	5035S	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50nos	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	
<input checked="" type="checkbox"/>	50IPC	<input type="checkbox"/> U <input type="checkbox"/> S <input type="checkbox"/> N	

Mixed U Unknown S Standard N Negative Cor

Define and Set Up Standards

Assign sample(s) to the selected wells.

Assign	Sample
<input type="checkbox"/>	Sample 1
<input type="checkbox"/>	Sample 2
<input checked="" type="checkbox"/>	Sample 3

Assign sample(s) of selected well(s) to biological

Assign	Biological Group

Select the dye to use as the passive reference.

ROX

View Plate Layout View Well Table

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8
A	NC U 5035S N 50IPC U 50nos	NC N 5035S U 50IPC U 50nos	PC U 5035S U 50IPC U 50nos	PC U 5035S U 50IPC U 50nos	Sample 1 U 5035S U 50IPC U 50nos	Sample 1 U 5035S U 50IPC U 50nos	Sample 2 U 5035S U 50IPC U 50nos	Samp U 5035S U 50IPC U 50nos
B	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos
C	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos
D	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos	U 5035S U 50IPC U 50nos

Wells: U 94 Unknown S 0 Standard N 2 Negative Control 0 Empty

Home Untitled x

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



- Setup
 - Experiment Properties
 - Plate Setup
 - Run Method**
 - Reaction Setup
 - Materials List
- Run
- Analysis

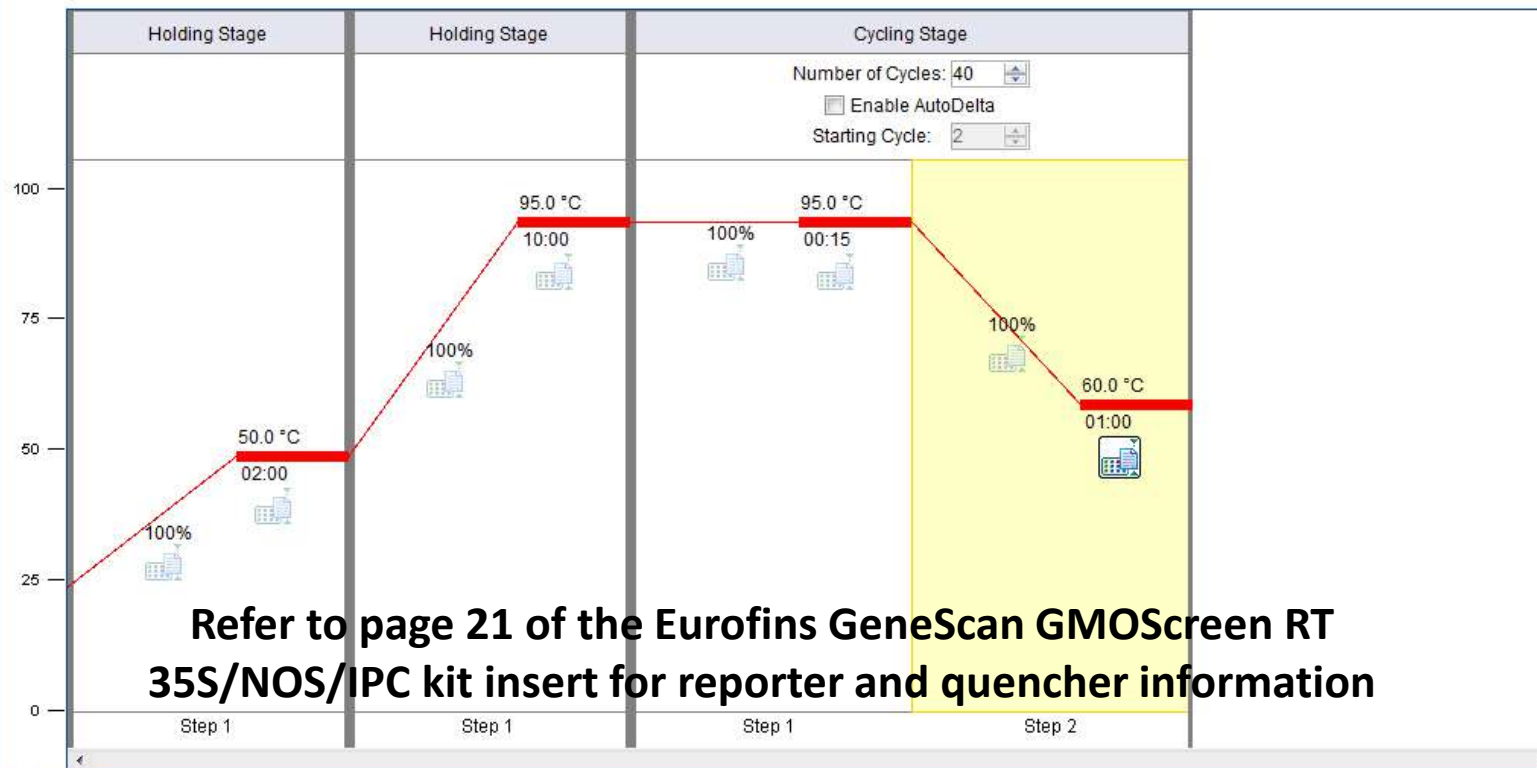
Run Method

Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well 20 µL Expert Mode Select/View Filters...

Add Stage Add Step Delete Selected (nothing to Undo) (nothing to Redo) Collect Data Open Run Method Save Run Method Revert to Defaults



Refer to page 21 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Legend Data Collection On Data Collection Off AutoDelta On AutoDelta Off

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



- Setup
 - Experiment Properties
 - Plate Setup
 - Run Method
 - Reaction Setup
 - Materials List

- Run
- Analysis

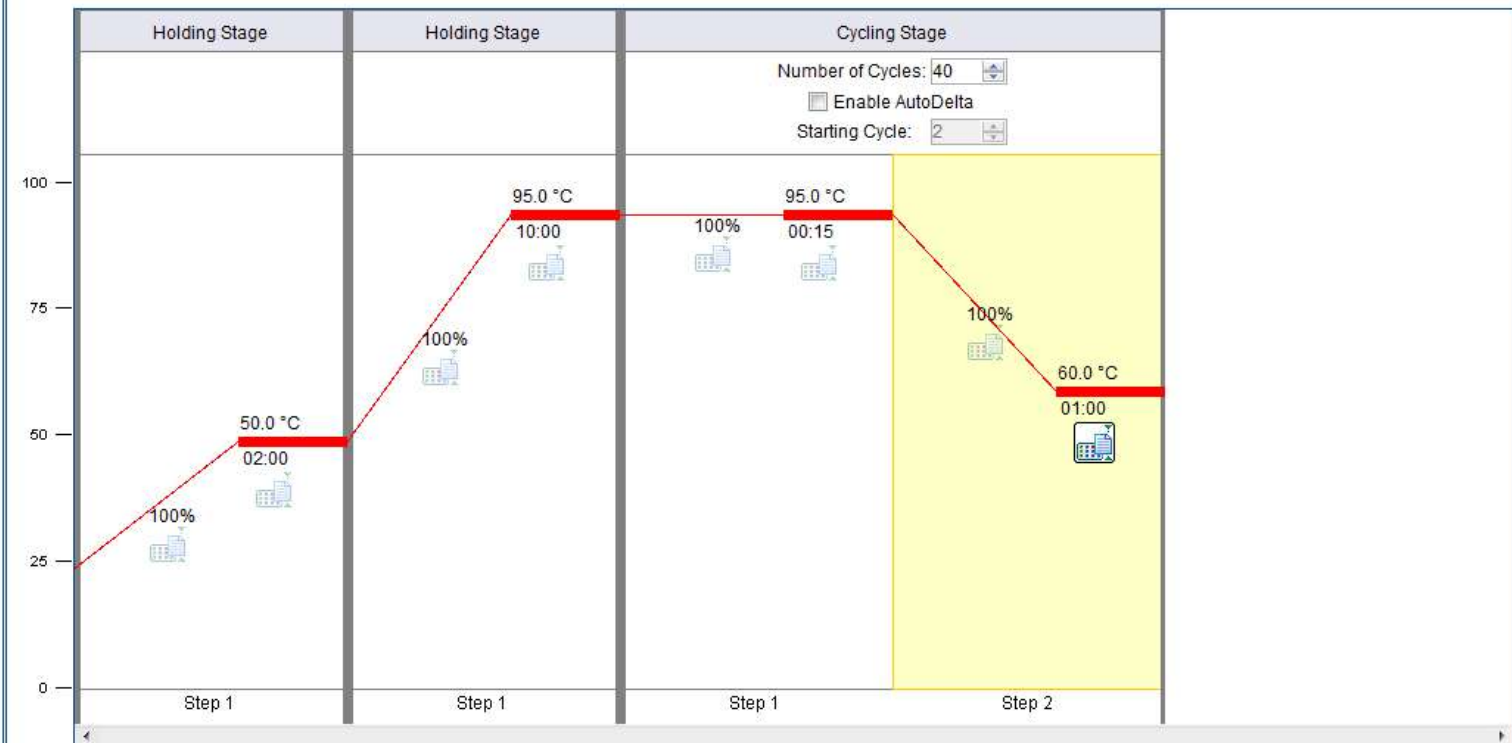
Run Method

Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well 25 µL Expert Mode Select/View Filters

Add Stage Add Step Delete Selected (nothing to Undo) (nothing to Redo) Collect Data Open Run Method Save Run Method Revert to Defaults



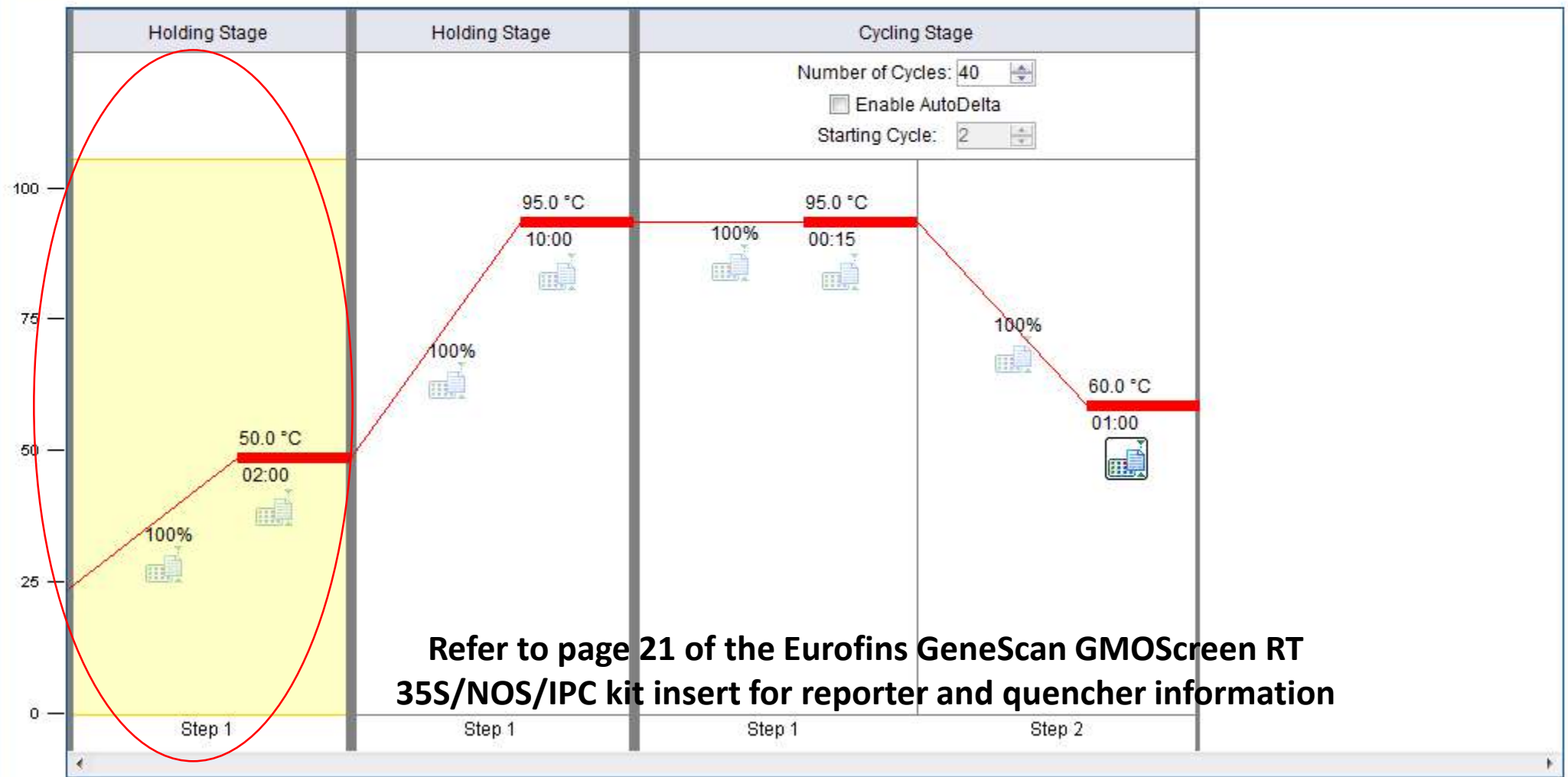
Legend Data Collection On Data Collection Off AutoDelta On AutoDelta Off

I Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well μL Expert Mode






(nothing to Undo) (nothing to Redo) | |



Refer to page 21 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Legend

- Experiment Properties
- Plate Setup
- Run Method**
- Reaction Setup
- Materials List
- Run
- Analysis

-  Experiment Properties
-  Plate Setup
-  Run Method
-  Reaction Setup
-  Materials List

Run

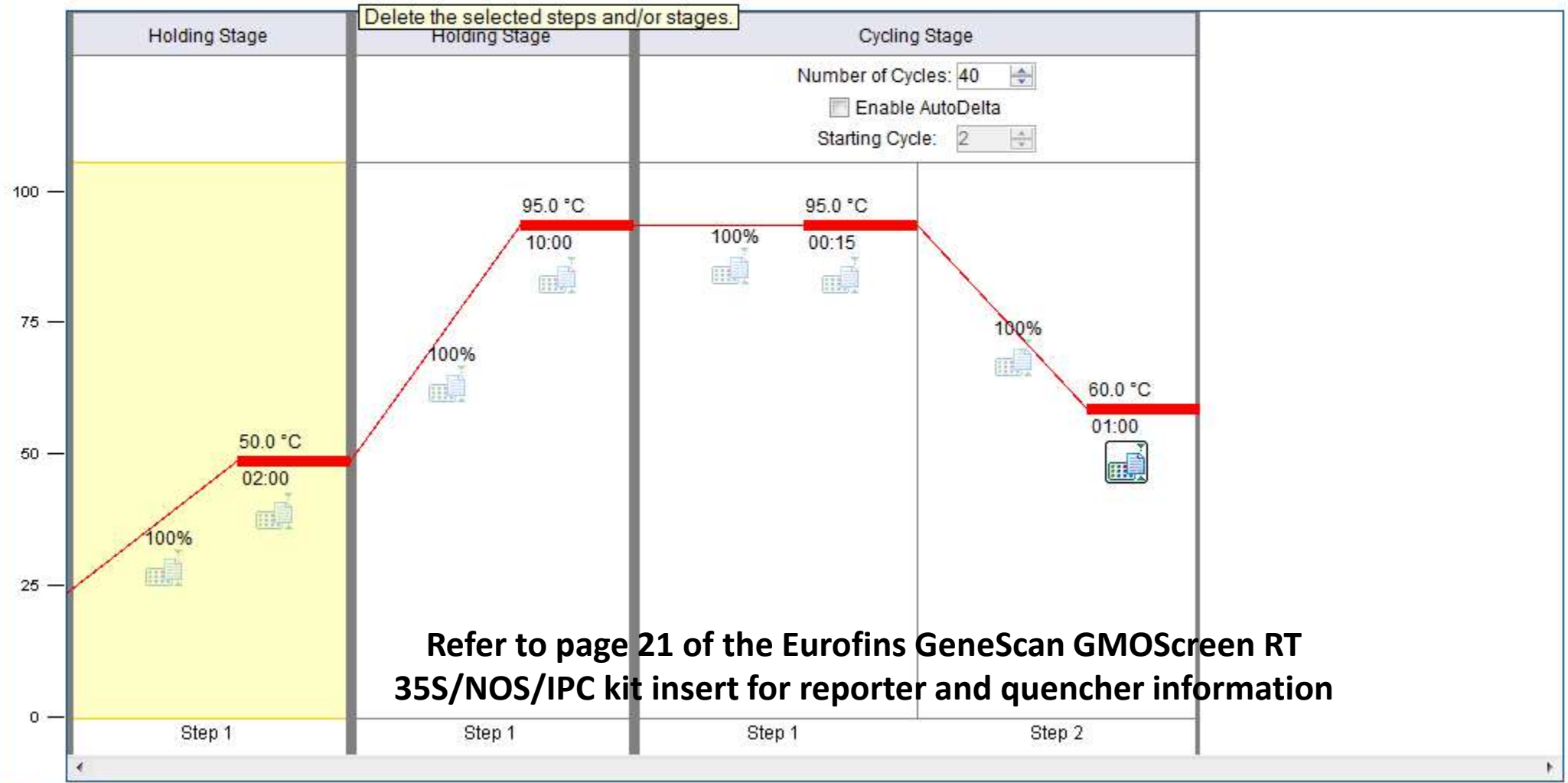
Analysis

I Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well 25 μL Expert Mode Select/View Filters...

Add Stage ▾
Add Step ▾
Delete Selected
(nothing to Undo)
(nothing to Redo)
Collect Data ▾
Open Run Method
Save Run Method ...
Revert to Defaults



Refer to page 21 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Legend

Experiment Menu <<

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >>



- Setup
- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List
- Run
- Analysis

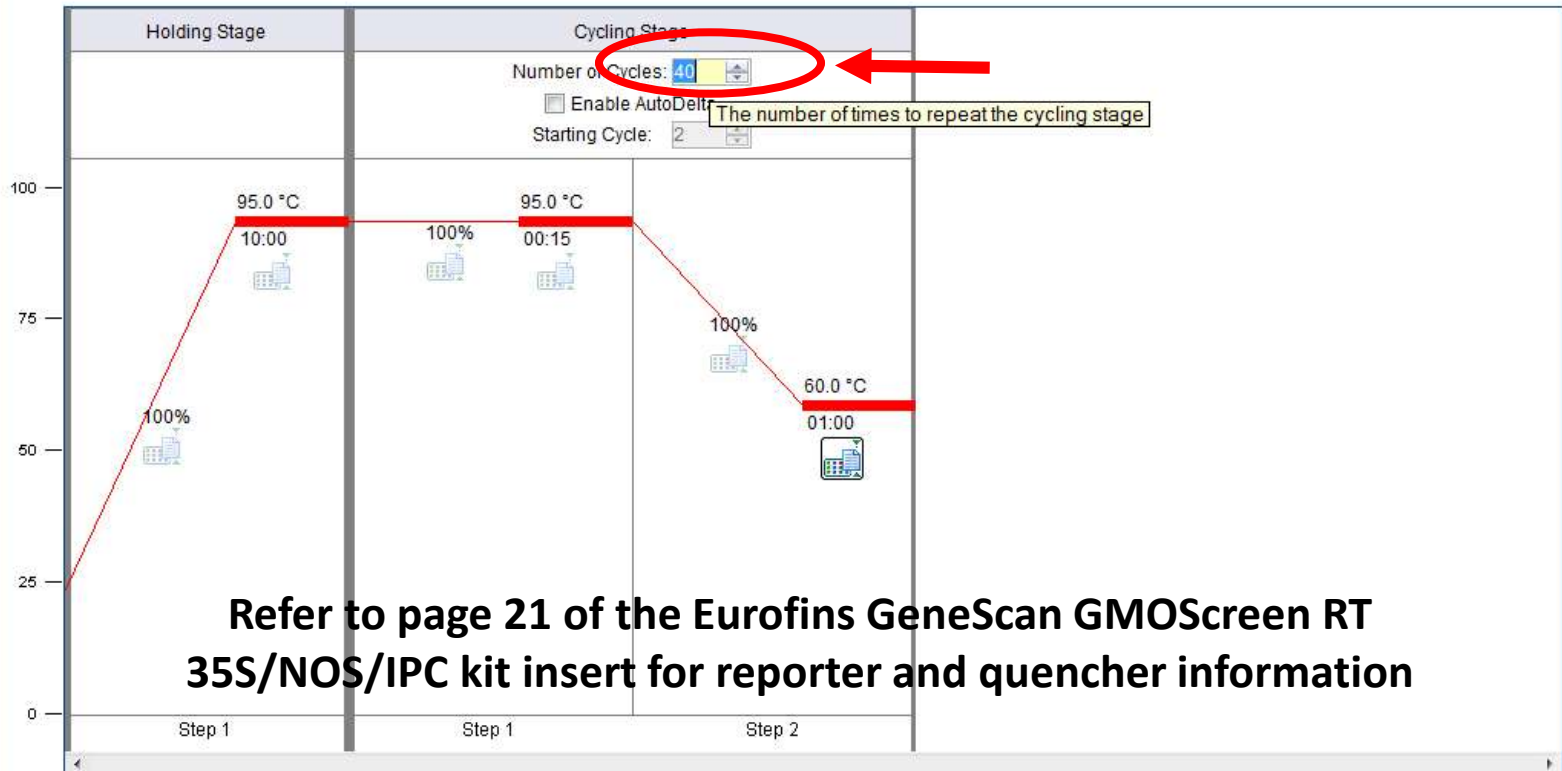
Run Method

Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well 25 µL Expert Mode Select/View Filters

Add Stage Add Step Delete Selected Undo "Delete" (nothing to Redo) Collect Data Open Run Method Save Run Method ... Revert to Defaults



Refer to page 21 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Legend Data Collection On Data Collection Off AutoDelta On AutoDelta Off

7500 Software v2.3

File Edit Instrument Analysis Tools Help

New Experiment Open Save Close Export Print Report

Experiment Menu << Experiment: Double Screen Type: Standard Curve Reagents: TaqMan® Reagents **START RUN** ?

Setup

- Experiment Properties
- Plate Setup
- Run Method**
- Reaction Setup
- Materials List

Run

Analysis

Run Method

Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well 25 µL Expert Mode Select/View Filters...

Add Stage Add Step Delete Selected Undo "Set Cycle Count" (nothing to Redo) Collect Data Open Run Method Save Run Method ...

Holding Stage	Cycling Stage
	Number of Cycles: 45
	Enable AutoDelta
	Starting Cycle: 2

100 75 50 25 0

95.0 °C 10:00 95.0 °C 00:15 60.0 °C 01:00

100% 100% 100%

Step 1 Step 1 Step 2

Refer to page 21 of the Eurofins GeneScan GMOScreen RT 35S/NOS/IPC kit insert for reporter and quencher information

Legend

Data Collection On Data Collection Off AutoDelta On AutoDelta Off

Experiment Menu <<

- Setup
- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List

- Run
- Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents

START RUN >



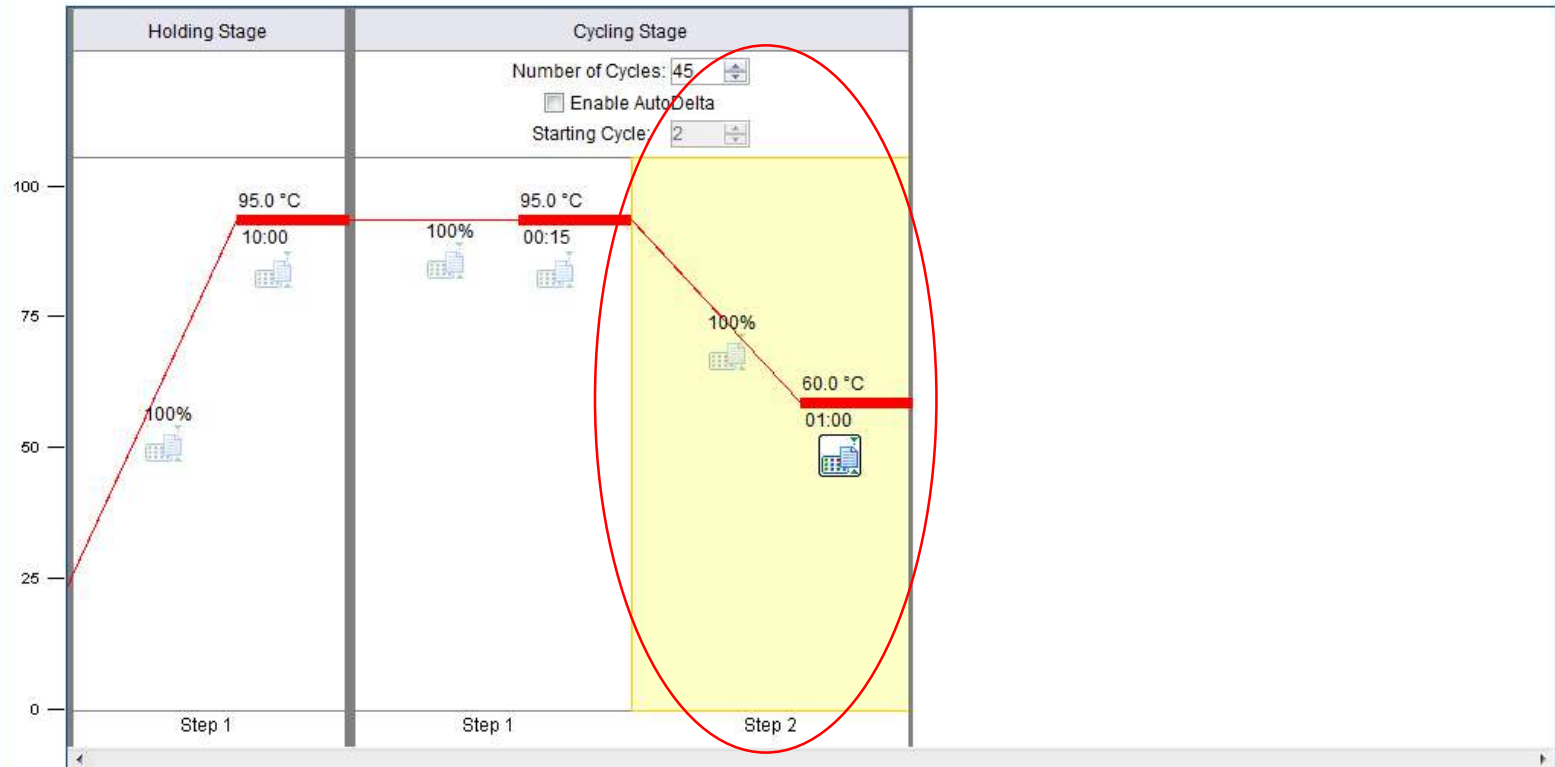
Run Method

Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well 25 µL Expert Mode Select/View Filters

Add Stage Add Step Delete Selected Undo "Set Cycle Count" (nothing to Redo) Collect Data Open Run Method Save Run Method



Legend

Data Collection On Data Collection Off AutoDelta On AutoDelta Off

Experiment Menu <<

- Setup**
- Experiment Properties
- Plate Setup
- Run Method**
- Reaction Setup
- Materials List

Run

Analysis

Experiment: Double Screen **Type:** Standard Curve **Reagents:** TaqMan® Reagents **START RUN** >> ?

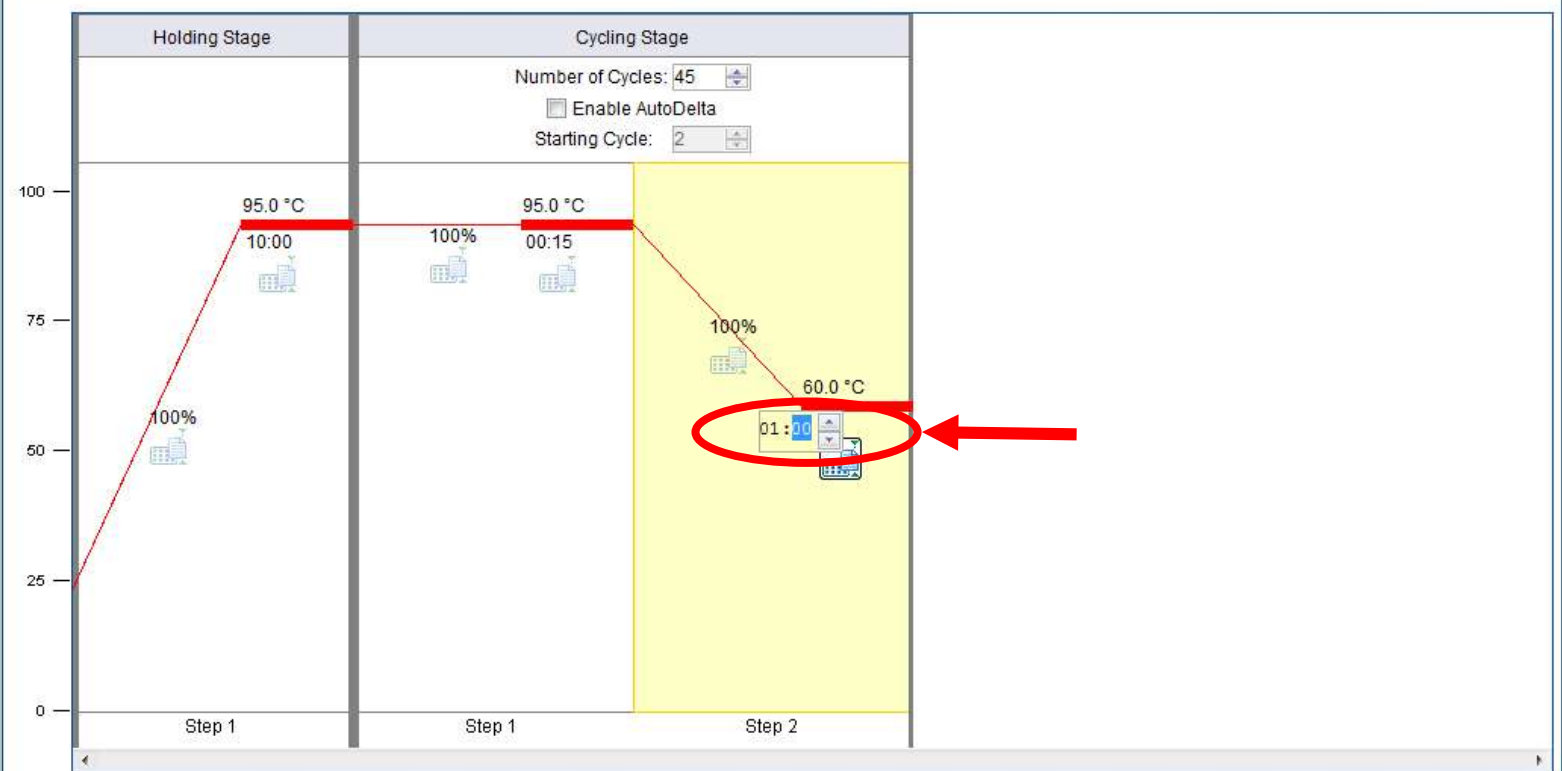
Run Method

Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well 25 µL Expert Mode Select/View Filters...

Add Stage ▼ Add Step ▼ Delete Selected Undo "Set Cycle Count" (nothing to Redo) Collect Data ▼ Open Run Method Save Run Method ... ▶



Legend

Data Collection On Data Collection Off AutoDelta On AutoDelta Off

Setup

- Experiment Properties
- Plate Setup
- Run Method**
- Reaction Setup
- Materials List

Run

Analysis

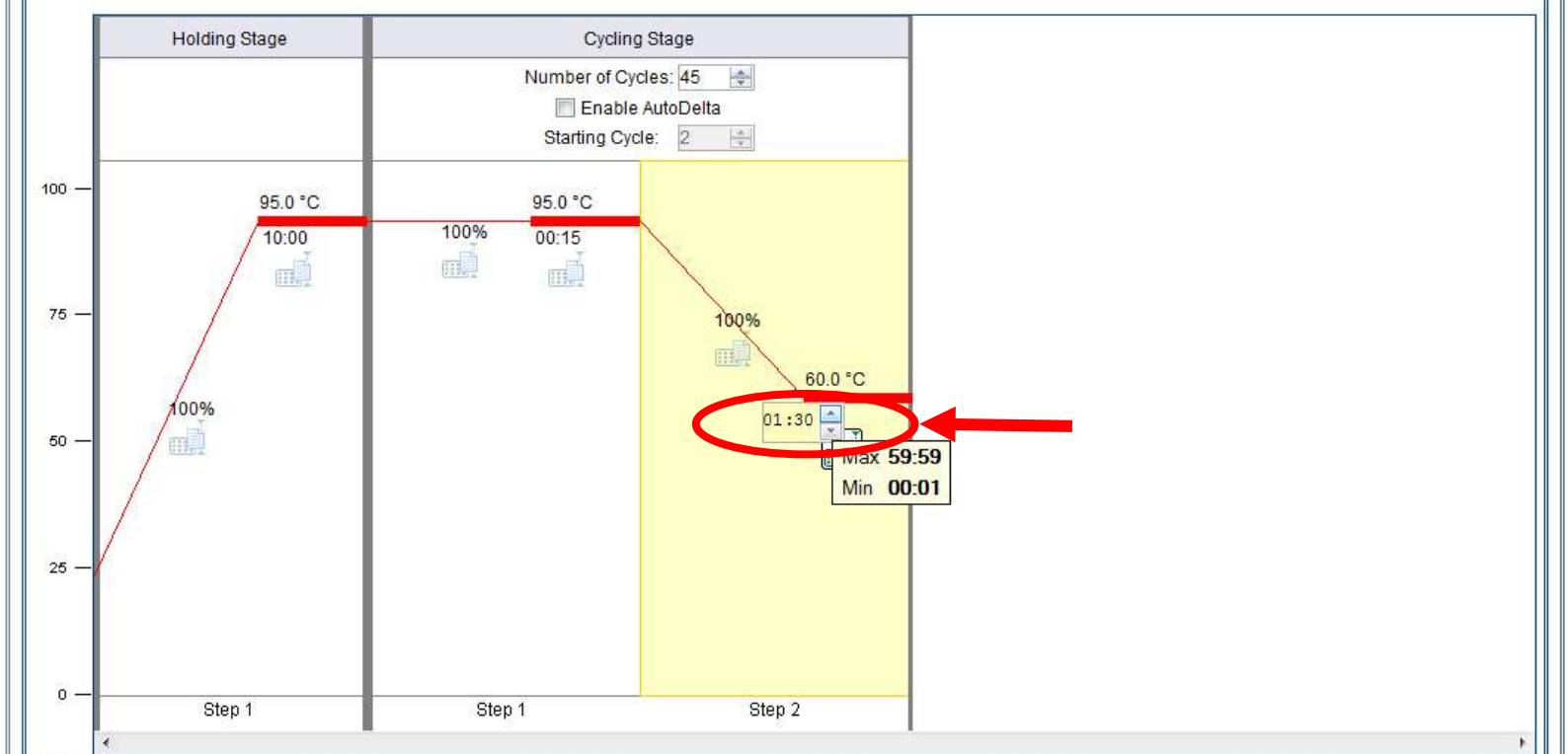
Run Method

Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well 25 µL Expert Mode [Select/View Filters...](#)

Add Stage Add Step Delete Selected Undo "Set Cycle Count" (nothing to Redo) Collect Data Open Run Method Save Run Method



Legend
Data Collection On Data Collection Off AutoDelta On AutoDelta Off

I Review the reaction volume and the thermal profile for the default run method. If needed, edit the default run method or select a run method from the library.

Graphical View Tabular View

Reaction Volume Per Well μL Expert Mode

(nothing to Redo) | |



Legend

- Experiment Properties
- Plate Setup
- Run Method
- Reaction Setup
- Materials List
- Run**
- Run Analysis

- New Experiment
- New Study
- Open... Ctrl+O
- Close
- Save Ctrl+S
- Save As...
- Save As Template... Ctrl+T
- Import...
- Export...
- Create Slide...
- Print
- Print Report...
- Exit

Save Close Export... Print Report...

Experiment: Untitled Experiment

Type: Standard Curve

Reagents: TaqMan® Reagents



Run Status

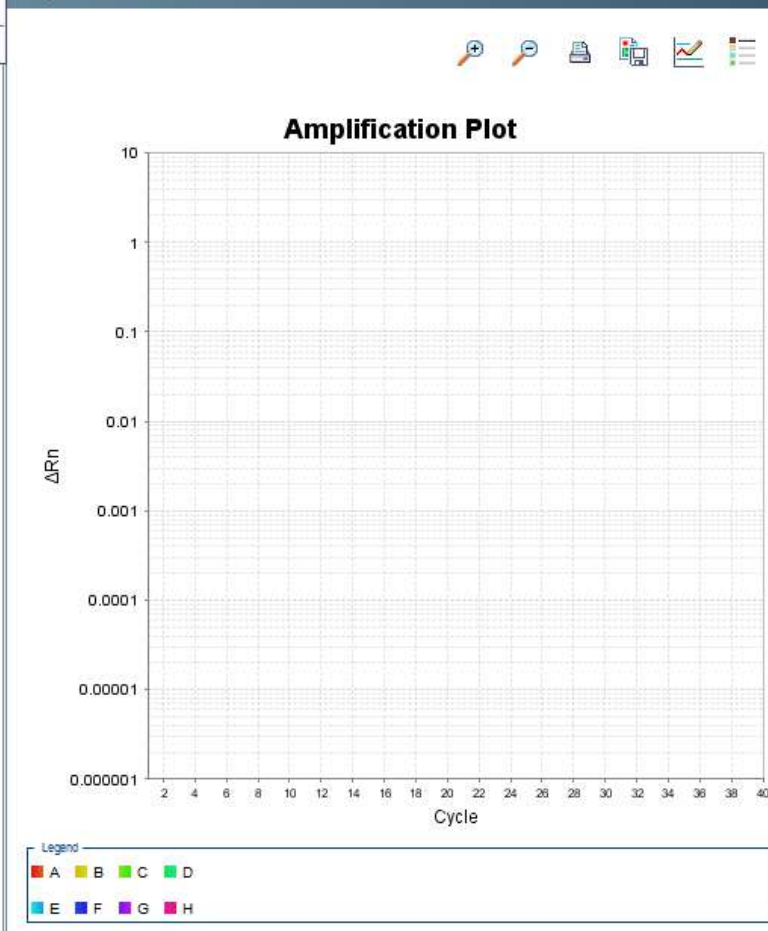


Run Status: Not Started

Instrument Status: **Disconnected**

Enable Notifications

Amplification Plot



View Plate Layout

Select Wells With: - Select Item - - Select Item -



Notification Settings

Analysis

- New Experiment
- New Study
- Open... Ctrl+O
- Close
- Save Ctrl+S
- Save As...
- Save As Template... Ctrl+I**
- Import...
- Export...
- Create Slide...
- Print
- Print Report...
- Exit



Save Close Export... Print Report...

Experiment: **Untitled Experiment**

Type: **Standard Curve**

Reagents: **TaqMan® Reagents**



Run Status

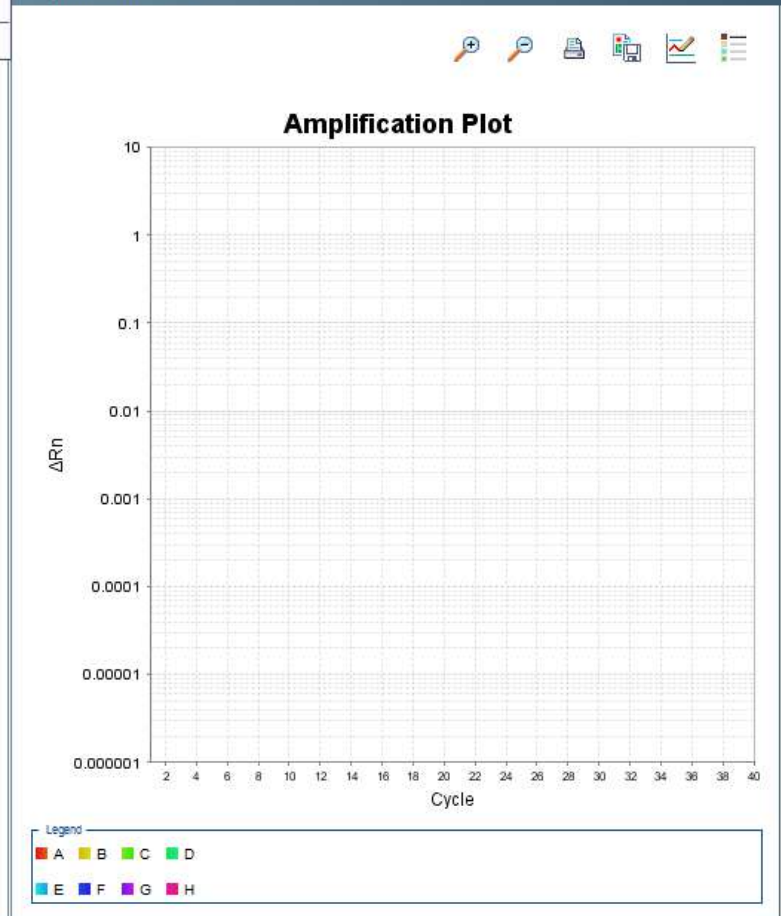
START RUN

Instrument Status: **Disconnected**

Run Status: **Not Started**

Enable Notifications

Amplification Plot



View Plate Layout



Experiment Menu <<

Setup

Run

Amplification Plot

Temperature Plot

Run Method

Notification Settings

Analysis

Experiment: Untitled Experiment

Type: Standard Curve

Reagents: TaqMan® Reagents



Run Status

START RUN >>

Instrument Status: **Disconnected**

Run Status: **Not Started**

Enable Notifications

Amplification

Save As Template

Save in: My Documents

- ABI general information
- ABI software
- Articles
- Chromas
- CML
- Custom Office Templates
- CyberLink
- CYP2D6
- Downloads
- Fax
- Gene Expression
- GMO Testing Facility
- LabVIEW Data
- MBG
- Ref Manager
- Scanned Documents
- Supplier lists
- TaqMan protein assay information
- TaqMan Protein Assay Runs

File name: Double Screen.edt

Files of type: Experiment Document Template files (*.edt)

Save selected file

ΔRn

Cycle

Legend

- A B C D
- E F G H

	6	7	8	9	10	11	12
F	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..
G	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..
H	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..

Experiment Menu <<

- Setup
- Run
- Amplification Plot
- Temperature Plot
- Run Method
- Notification Settings
- Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents



Run Status

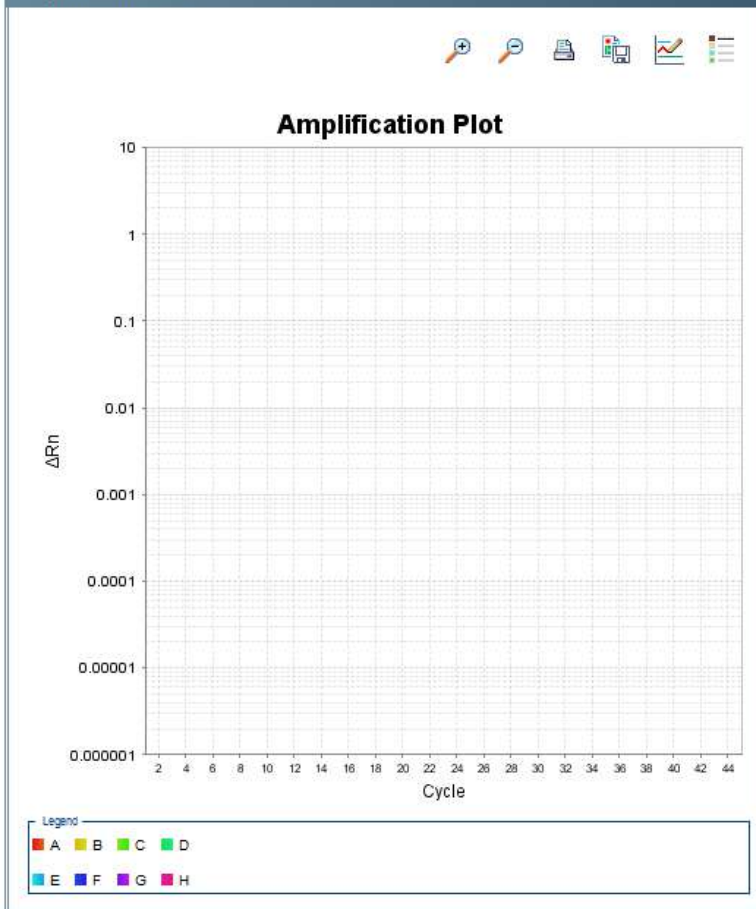
START RUN ▶

Instrument Status: Disconnected

Run Status: **Not Started**
Start the instrument run

Enable Notifications

Amplification Plot



View Plate Layout

Select Wells With: - Select Item - - Select Item -

Show in Wells View Legend

	1	2	3	4	5	6	7	8	9	10	11	12
A	N 5..	N 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..
B	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..
C	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..
D	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..
E	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..
F	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..
G	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..
H	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..	U 5..

Experiment Menu <<

Setup

Run

Amplification Plot

Temperature Plot

Run Method

Notification Settings

Analysis

Experiment: Double Screen

Type: Standard Curve

Reagents: TaqMan® Reagents



Run Status



Instrument Status: Disconnected

Run Status: Not Started

Enable Notifications

Amplification

Save

Save in: My Documents

- ABI general information
- ABI software
- Articles
- Chromas
- CML
- Custom Office Templates
- CyberLink
- CYP2D6
- Downloads
- Fax
- Gene Expression
- GMO Testing Facility
- LabVIEW Data
- MBG
- Ref Manager
- Scanned Documents
- Supplier lists
- TaqMan protein assay information
- TaqMan Protein Assay Runs

File name: Double Screen Run 1.eds

Files of type: Experiment Document Single files (*.eds)

Save Cancel

