

181024

10/12/2024, 11:18:45 UTC+00:00

Plate ID: a458090f-5549-4d1e-80c4-26f35243ea62
Report ID: 6b1b4125-4fd5-4ab9-83ad-cf0689b7321a

Run details

User	acu acu (admin)	Run started	18/10/2024, 11:28:14 UTC+00:00
Software	QIAcuity Software Suite 2.2.0.26	Run ended	18/10/2024, 13:20:37 UTC+00:00
Instrument(s)	QIAcuity-02415	Run status	⚠ Run_completed
		dPCR steps	PRIMING, CYCLING, IMAGING

Plate general data

Plate name 181024
Plate type Nanoplate 8.5K 24-well
Barcode 040367521000830000000001279
Labels -
Description

Plate Owners

User name	User login	Status
acu acu	admin	active

dPCR parameters

Priming profile (Step 1)

Name	QIAGEN Standard Priming Profile
Description	standard priming for QIAcuity PCR Kits and all sample types

Cycling profile (Step 2)

Number of repetitions	Temperature °C	Duration
1 x	95	2 min
40 x	95 60 72	15 s 30 s 15 s

Imaging profile (Step 3)



Channel	Exposure duration ms	Gain
 Green	500	6
 Yellow	500	6

Plate Layout

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
A1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-1000
A2	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-5000
A3	-	- - -	- - -	- - -	- - -	- - -	-	-
B1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	132-1-1000
B2	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	132-1-5000
B3	-	- - -	- - -	- - -	- - -	- - -	-	-
C1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	164-1-1000
C2	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	164-1-5000
C3	-	- - -	- - -	- - -	- - -	- - -	-	-

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
D1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	NON_TEMPLATE_CO...	NTC-1-1000
D2	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	NON_TEMPLATE_CO...	NTC-1-5000
D3	-	- - -	- - -	- - -	- - -	- - -	-	-
E1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-2000
E2	-	- - -	- - -	- - -	- - -	- - -	-	-
E3	-	- - -	- - -	- - -	- - -	- - -	-	-
F1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	132-1-2000
F2	-	- - -	- - -	- - -	- - -	- - -	-	-
F3	-	- - -	- - -	- - -	- - -	- - -	-	-
G1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	164-1-2000

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
G2	-	- - -	- - -	- - -	- - -	- - -	-	-
G3	-	- - -	- - -	- - -	- - -	- - -	-	-
H1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	NON_TEMPLATE_CO...	NTC-1-2000
H2	-	- - -	- - -	- - -	- - -	- - -	-	-
H3	-	- - -	- - -	- - -	- - -	- - -	-	-

Reaction Mixes

Reaction Mix Name	Target Name	Dye	Channel	IC	Reference
Generic-Cre	Tg IC	HEX FAM	<div><div></div> Yellow</div> <div><div></div> Green</div>	- IC	- -

Warnings

Saturation

During imaging the signal reached the saturation for the following wells and channels:

Imaging step	Channel	Wells
1	YELLOW	A1, B1, C1, D1, E1
1	GREEN	A1, B1, C1, E1

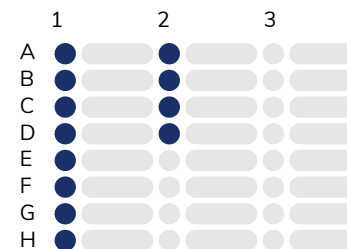
Absolute Quantification (Imaging step 1)

	Sample/NTC/Control	Reaction Mix	Target			Conc. [copies/μL]	CI (95%)	Partitions			Threshold
			IC	Control type	valid			positive	negative		
A1	138-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	<div><div>!</div><div>!</div></div> -	8229 8229	0 0	8229 8229	162.18 242.51
A2	138-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.360	- 147.5%	8154 8154	0 1	8154 8153	102.26 113.73
B1	132-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.354	<div><div>!</div><div>!</div></div> 147.5%	8086 8085	0 1	8086 8084	169.83 217.01
B2	132-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	8257 8257	0 0	8257 8257	100.98 102.26
C1	164-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.355	<div><div>!</div><div>!</div></div> 147.5%	8106 8106	0 1	8106 8105	177.48 217.01
C2	164-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	8263 8263	0 0	8263 8263	94.61 94.61
D1	NTC-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	<div><div>!</div></div> -	8271 8271	0 0	8271 8271	143.06 180.03
D2	NTC-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	8262 8262	0 0	8262 8262	76.76 49.98
E1	138-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	<div><div>!</div><div>!</div></div> -	8175 8175	0 0	8175 8175	166.01 194.06
F1	132-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	8213 8213	0 0	8213 8213	121.38 122.66
G1	164-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	8255 8255	0 0	8255 8255	99.71 122.66

	Sample/NTC/Control	Reaction Mix	Target			Conc. [copies/μL]	CI (95%)	Partitions			Threshold
			IC	IC	Control type			valid	positive	negative	
H1	NTC-1-2000	Generic-Cre	IC	IC	-	0.000	-	8178	0	8178	106.08
			Tg	-	-	0.000	-	8178	0	8178	121.38

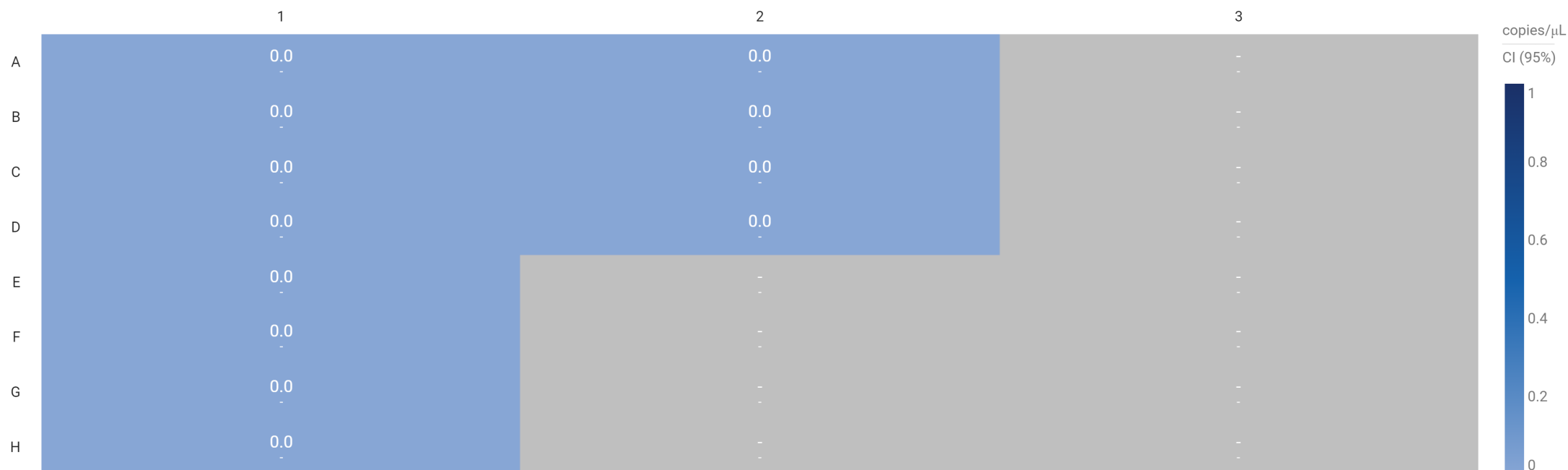
IC (12 wells)

● Green

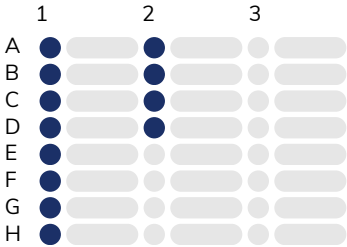


Wells selected: 12

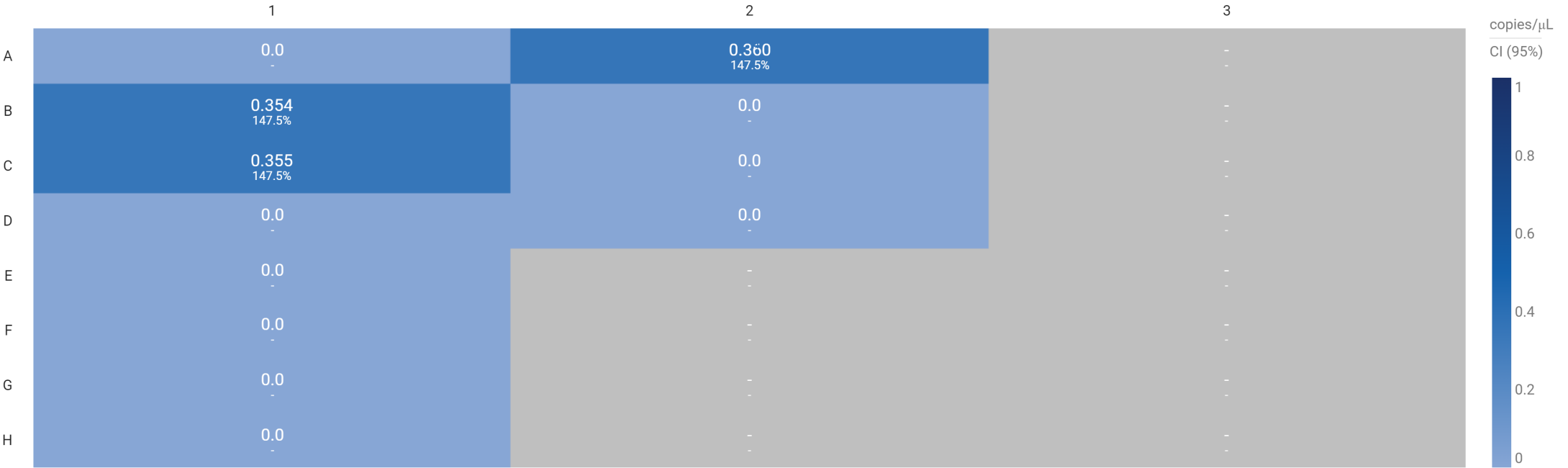
Imaging step: 1



Tg (12 wells)
● Yellow



Wells selected: 12
Imaging step: 1



	1	2	3
A	●	●	●
B	●	●	●
C	●	●	●
D	●	●	●
E	●	●	●
F	●	●	●
G	●	●	●
H	●	●	●

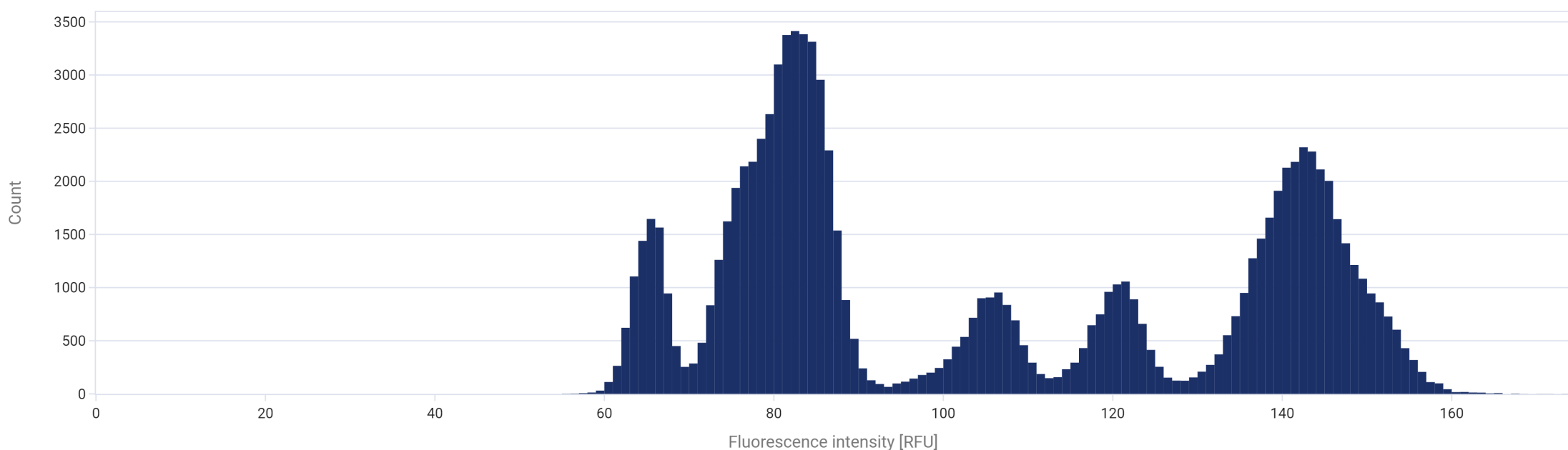
Wells selected: 12

























Imaging step: 1

Common threshold: -

IC (12 wells)

● Green



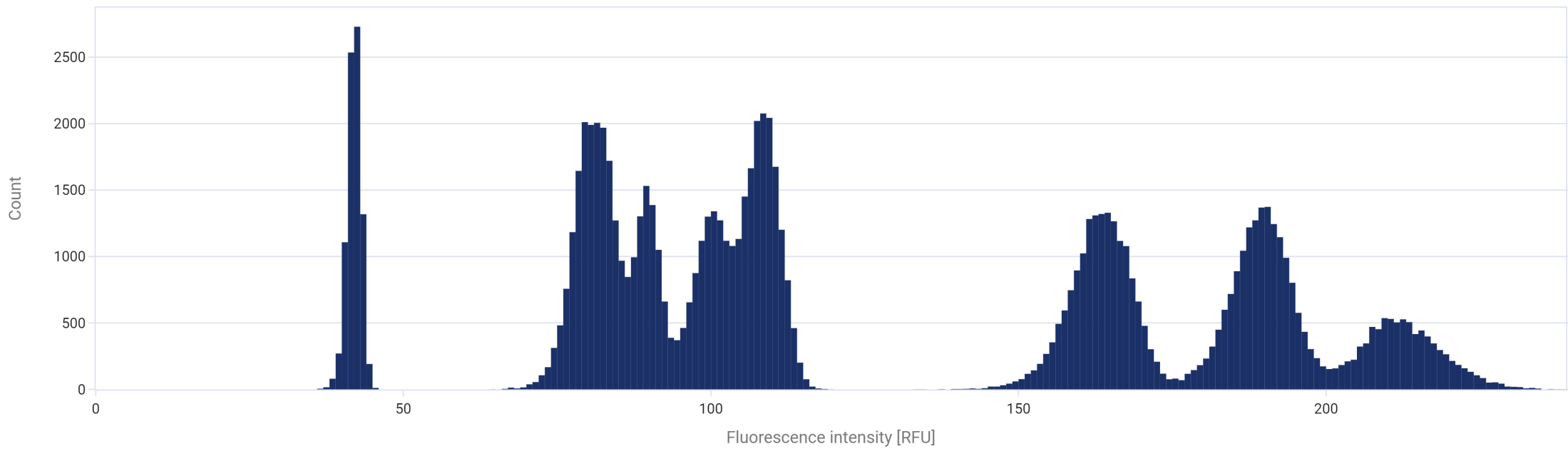
	1	2	3
A			
B			
C			
D			
E			
F			
G			
H			

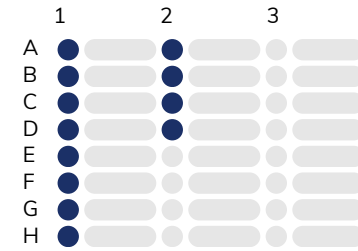
Wells selected: 12

Imaging step: 1

Common threshold: -

Tg (12 wells)

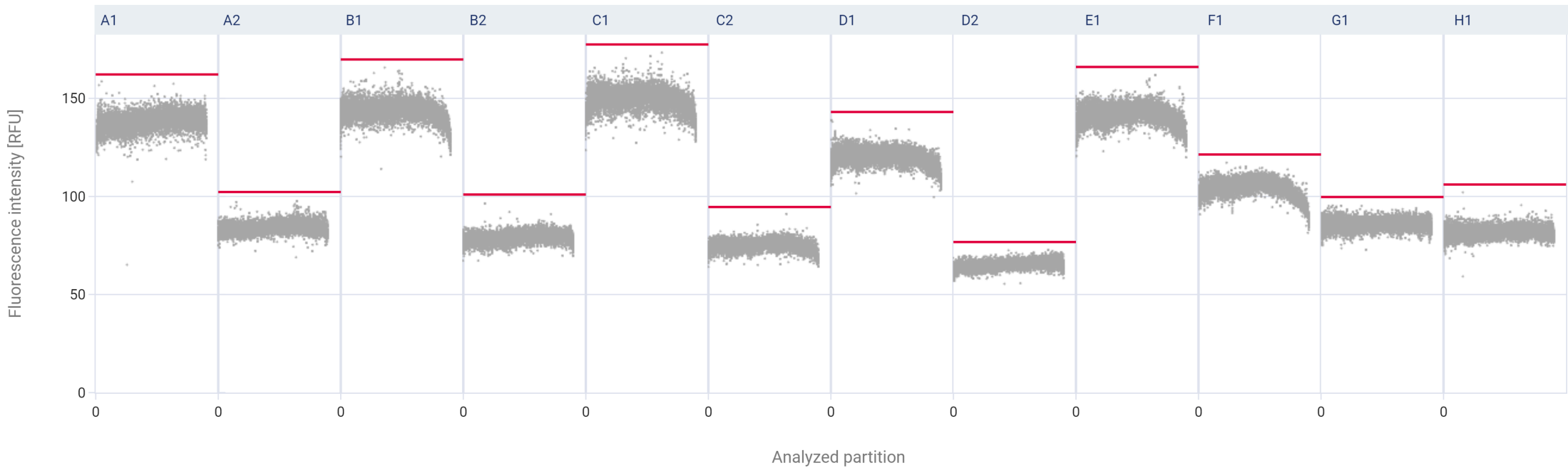
 Yellow


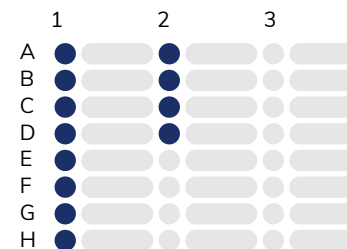


Wells selected: 12
Imaging step: 1
Common threshold: -

IC (12 wells)

● Green





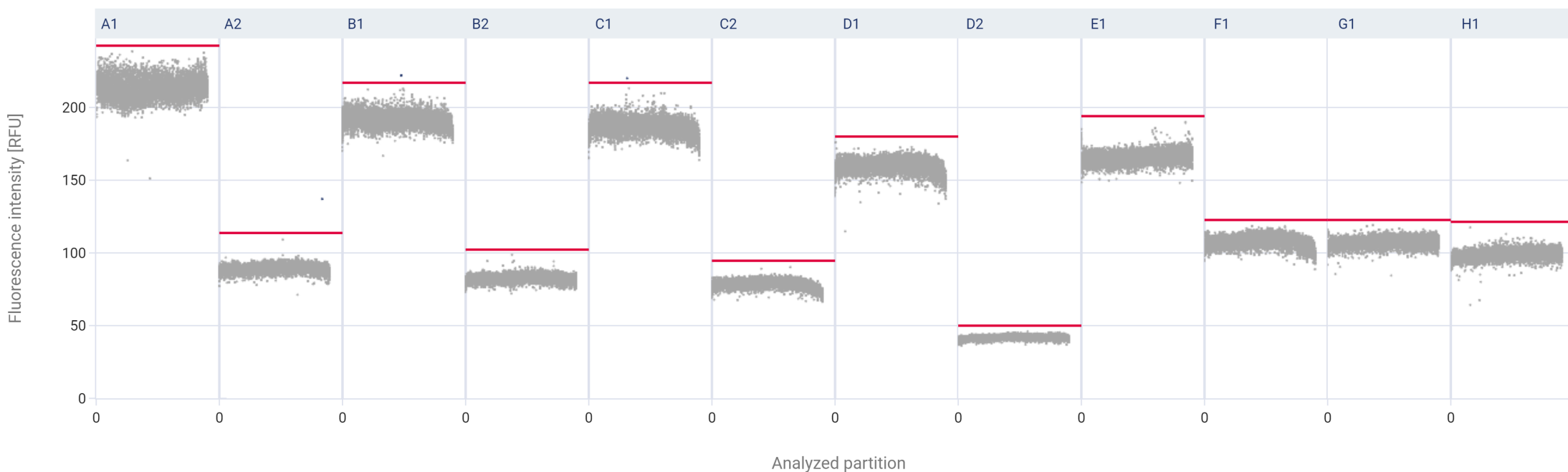
Wells selected: 12

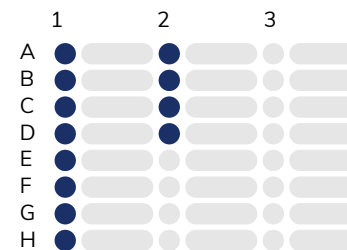
Imaging step: 1

Common threshold: -

Tg (12 wells)

● Yellow



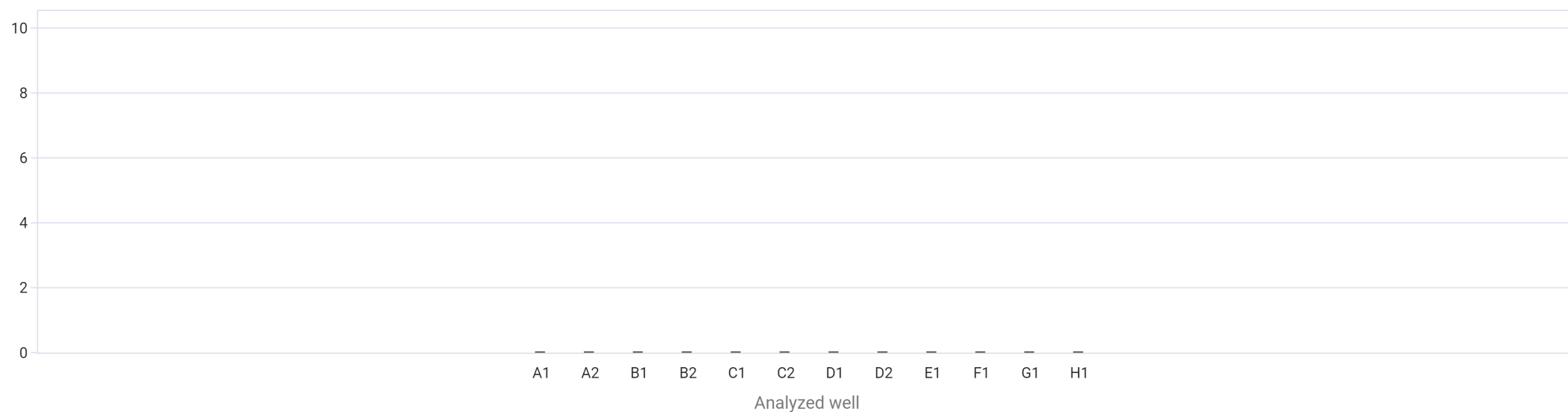


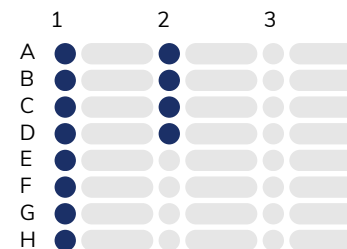
Wells selected: 12

Imaging step: 1

IC (12 wells)

● Green



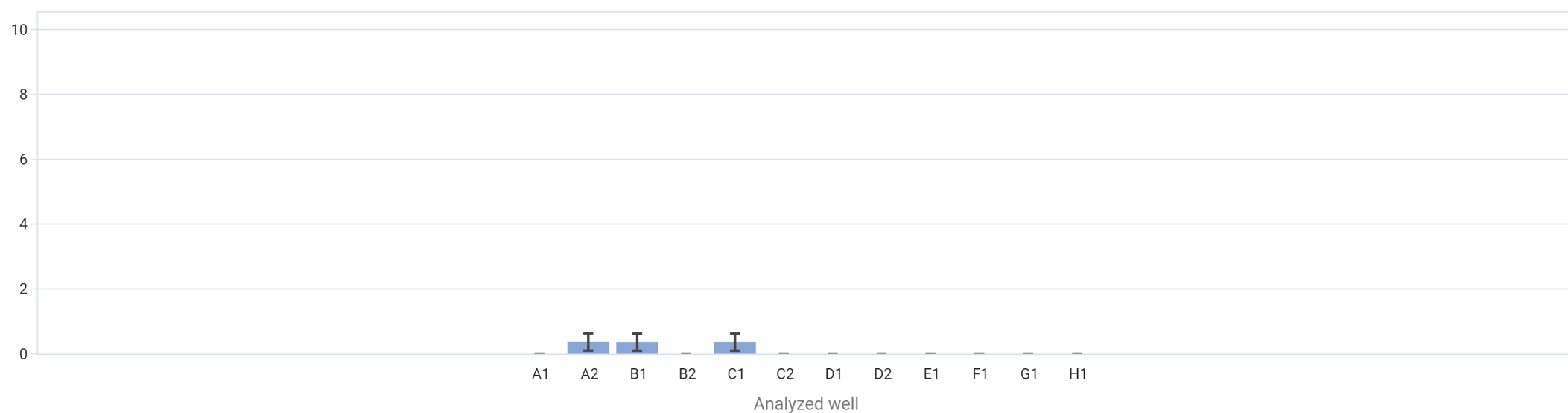


Wells selected: 12

Imaging step: 1

Tg (12 wells)

● Yellow



Comments
