

181024-2

10/12/2024, 11:20:38 UTC+00:00

Plate ID: 42d6ec0e-dd4b-4022-af3a-5b7bad7b9804
Report ID: 84bc4378-a505-49df-a8f5-83276a88ce22

Run details

User	acu acu (admin)	Run started	18/10/2024, 13:40:30 UTC+00:00
Software	QIAcuity Software Suite 2.2.0.26	Run ended	18/10/2024, 15:49:26 UTC+00:00
Instrument(s)	QIAcuity-02415	Run status	⚠ Loaded
		dPCR steps	PRIMING, CYCLING, IMAGING

Plate general data

Plate name	181024-2
Plate type	Nanoplate 26K 24-well
Barcode	05015754100036000000001234
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	164-1-5000
A3	-	- - -	- - -	- - -	- - -	- - -	-	-
B1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	132-1-1000
B2	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	NON_TEMPLATE_CO...	NTC
B3	-	- - -	- - -	- - -	- - -	- - -	-	-
C1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	164-1-1000
C2	-	- - -	- - -	- - -	- - -	- - -	-	-
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	- - -	- - -	- - -	SAMPLE	138-1-2000
D2	-	- - -	- - -	- - -	- - -	- - -	-	-
D3	-	- - -	- - -	- - -	- - -	- - -	-	-
E1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	132-1-2000
E2	-	- - -	- - -	- - -	- - -	- - -	-	-
E3	-	- - -	- - -	- - -	- - -	- - -	-	-
F1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	164-1-2000
F2	-	- - -	- - -	- - -	- - -	- - -	-	-
F3	-	- - -	- - -	- - -	- - -	- - -	-	-
G1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-5000

	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	- - -	- - -	- - -	SAMPLE	132-1-5000
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

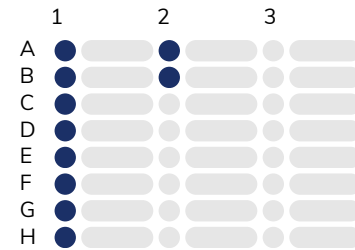
During imaging the signal reached the saturation for the following wells and channels:

Imaging step	Channel	Wells
1	YELLOW	B2, A1, A2, B1, C1, D1, E1, F1, G1
1	GREEN	A1, A2, B2, B1, C1, D1, E1, F1, G1, H1

Absolute Quantification (Imaging step 1)

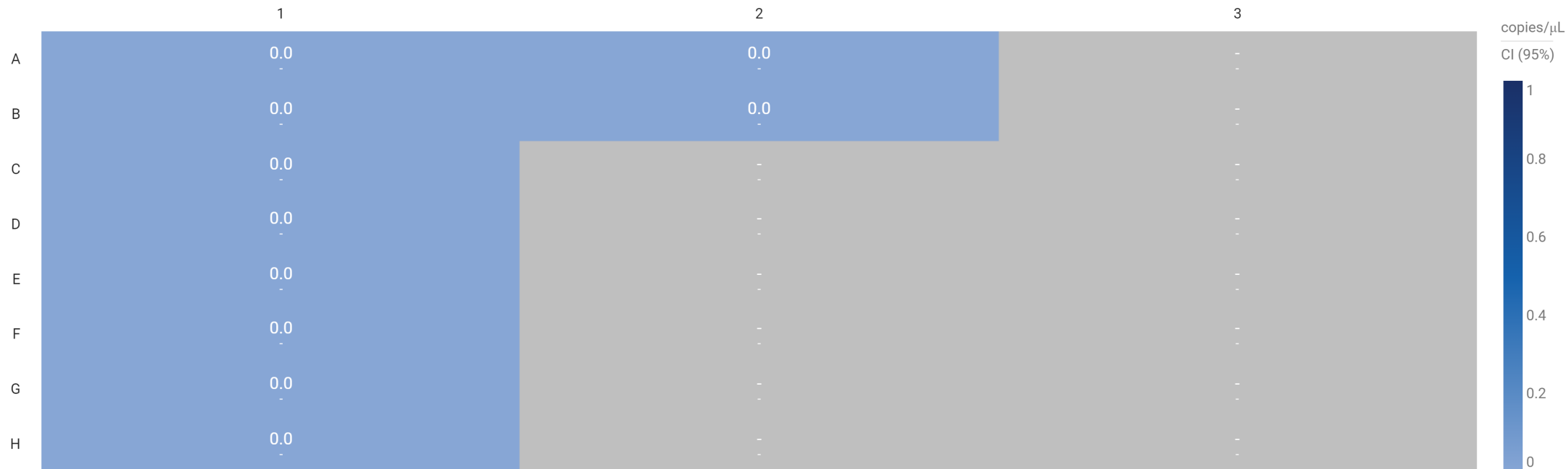
	Sample/NTC/Control	Reaction Mix	Target			Conc.		CI (95%)	Partitions			Threshold
			IC	Control type	[copies/μL]	valid	positive		negative			
A1	138-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	25213 25213	0 0	25213 25213	255.26 164.73
A2	164-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	25313 25313	0 0	25313 25313	252.71 150.71
B1	132-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	17625 17625	0 0	17625 17625	255.26 160.91
B2	NTC	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	24978 24978	0 0	24978 24978	255.26 151.98
C1	164-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	25135 25135	0 0	25135 25135	255.26 154.53
D1	138-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	22024 22024	0 0	22024 22024	255.26 167.28
E1	132-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	23968 23968	0 0	23968 23968	255.26 155.81
F1	164-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	24507 24507	0 0	24507 24507	255.26 162.18
G1	138-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	24935 24935	0 0	24935 24935	255.26 154.53
H1	132-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000		- -	18802 18802	0 0	18802 18802	255.26 252.45

IC (10 wells)

 Green

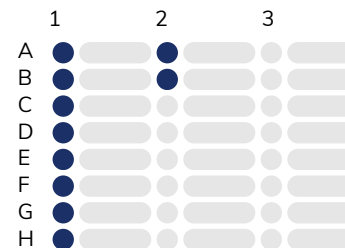
Wells selected: 10

Imaging step: 1



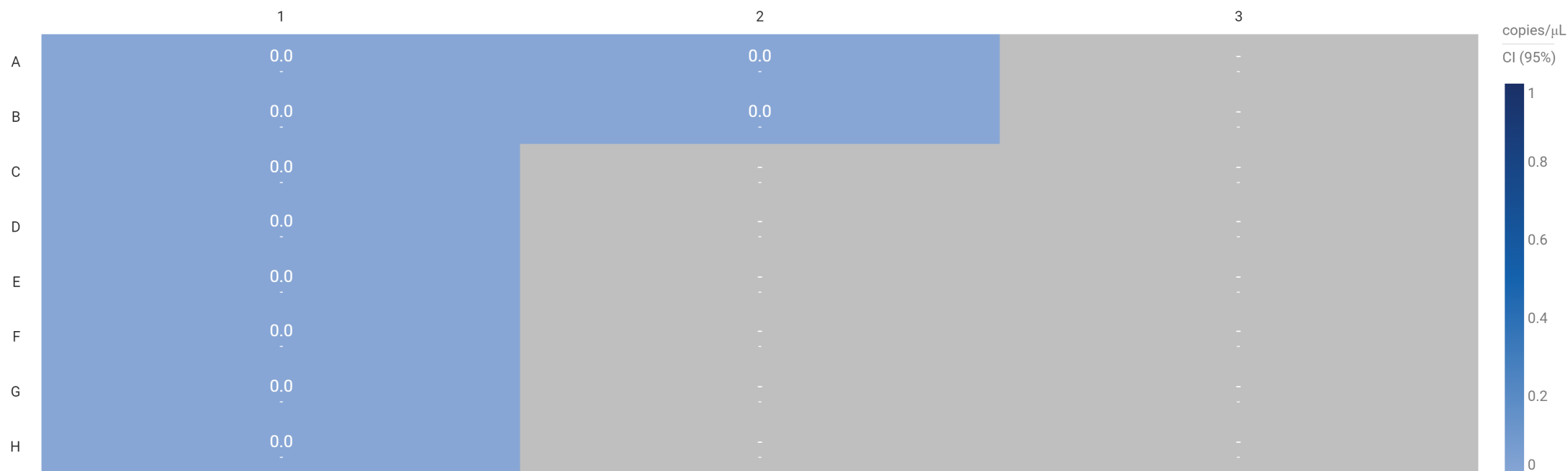
Tg (10 wells)

























● Yellow



Wells selected: 10

Imaging step: 1



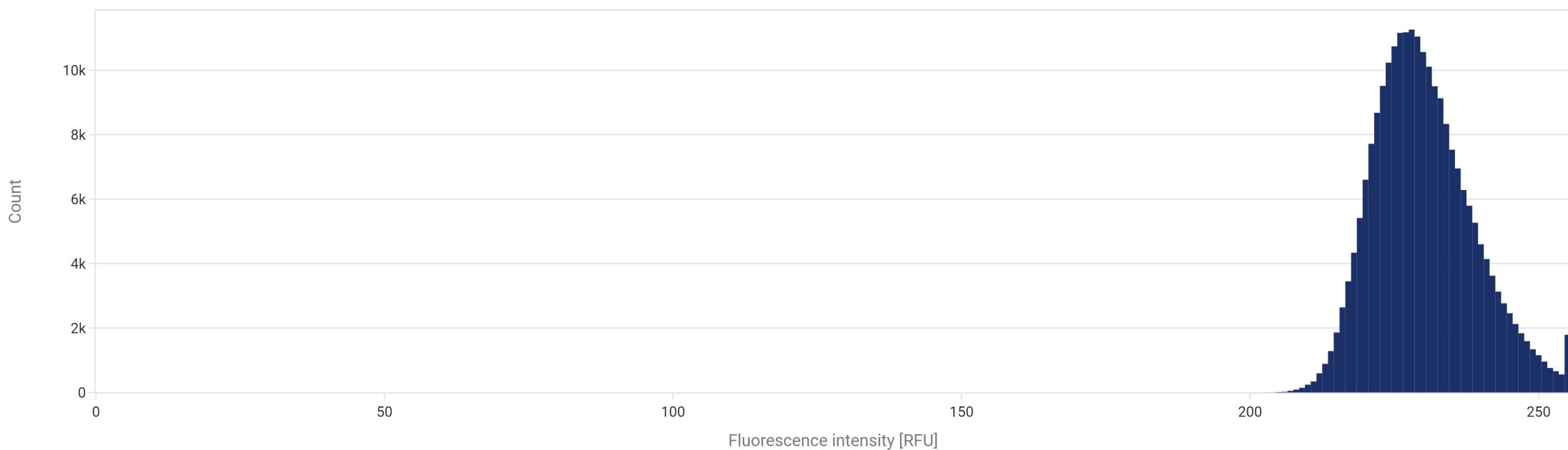
	1	2	3
A			
B			
C			
D			
E			
F			
G			
H			

Wells selected: 10

Imaging step: 1

Common threshold: -

IC (10 wells)

 Green


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

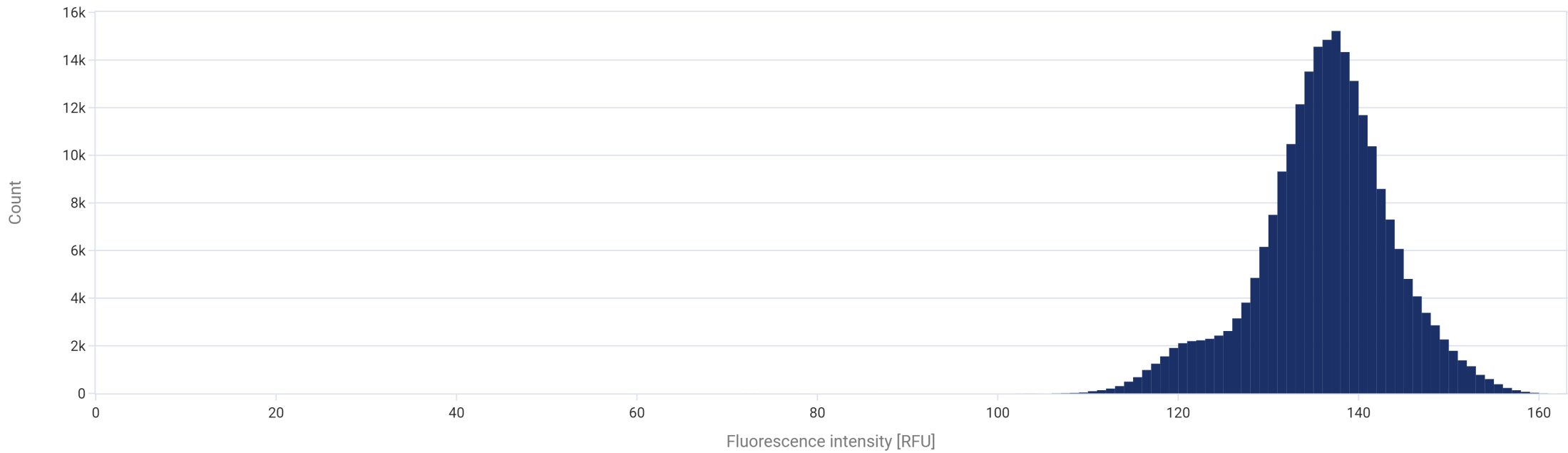
Wells selected: 10

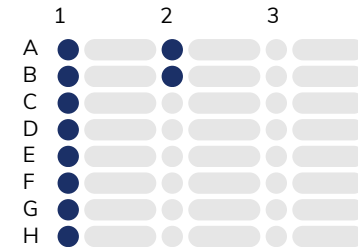
Imaging step: 1

Common threshold: -

Tg (10 wells)

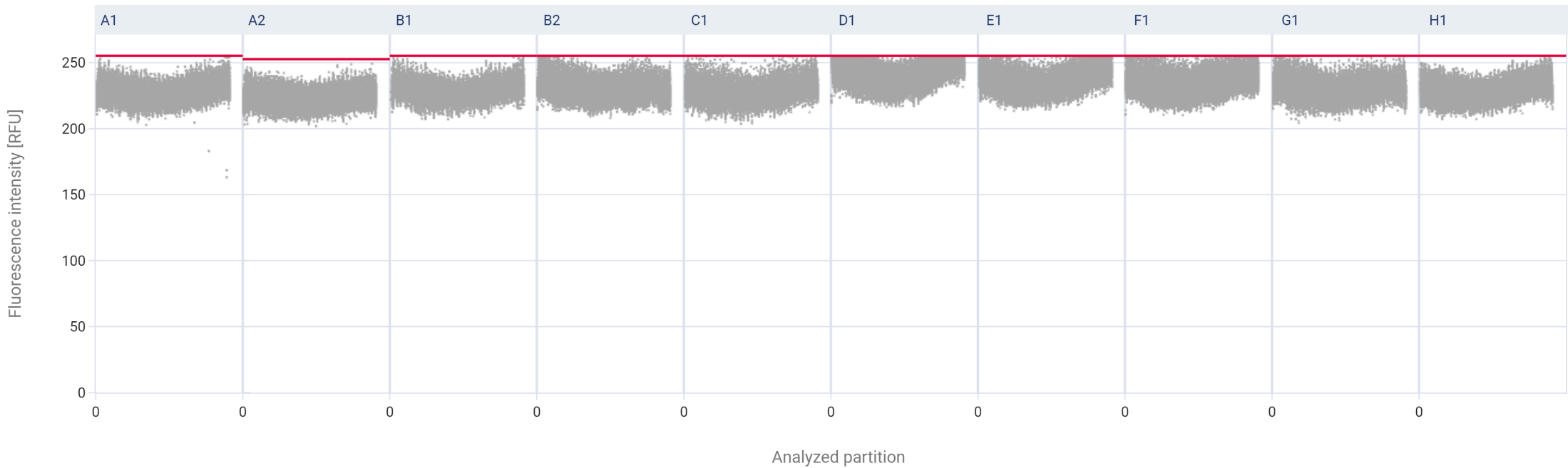
● Yellow

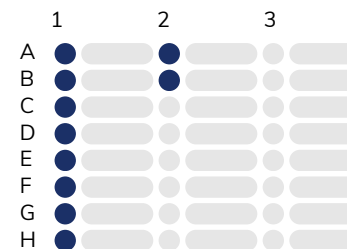




Wells selected: 10
Imaging step: 1
Common threshold: -

IC (10 wells)
● Green





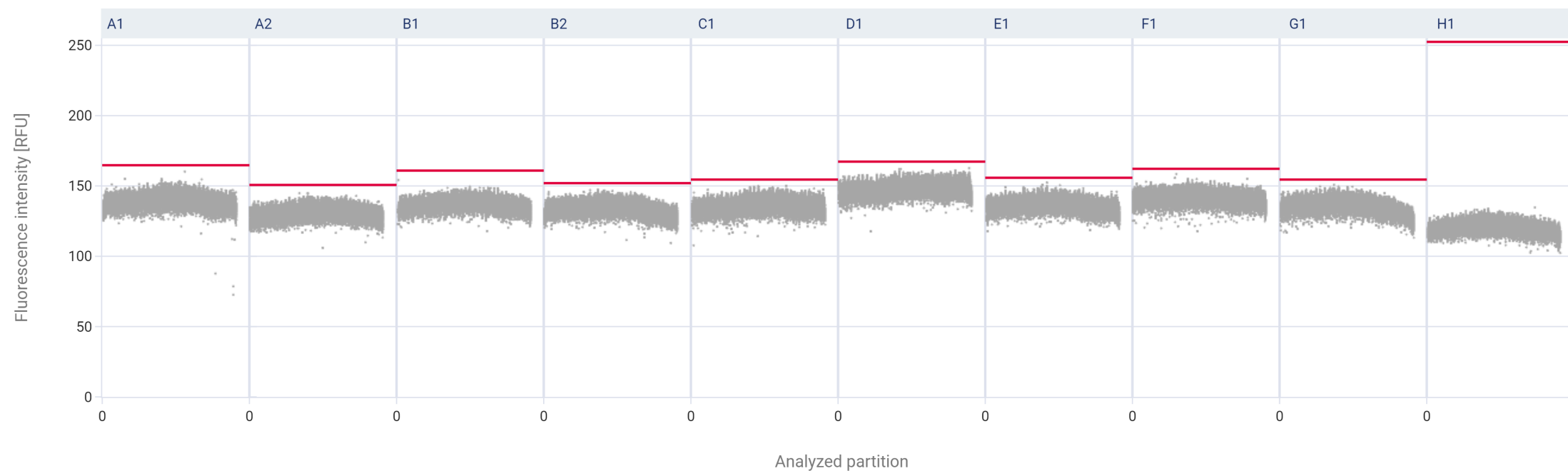
Wells selected: 10

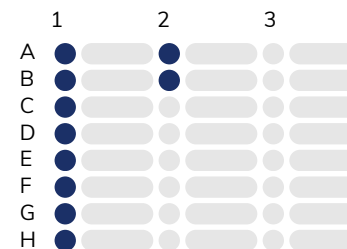
Imaging step: 1

Common threshold: -

Tg (10 wells)

● Yellow



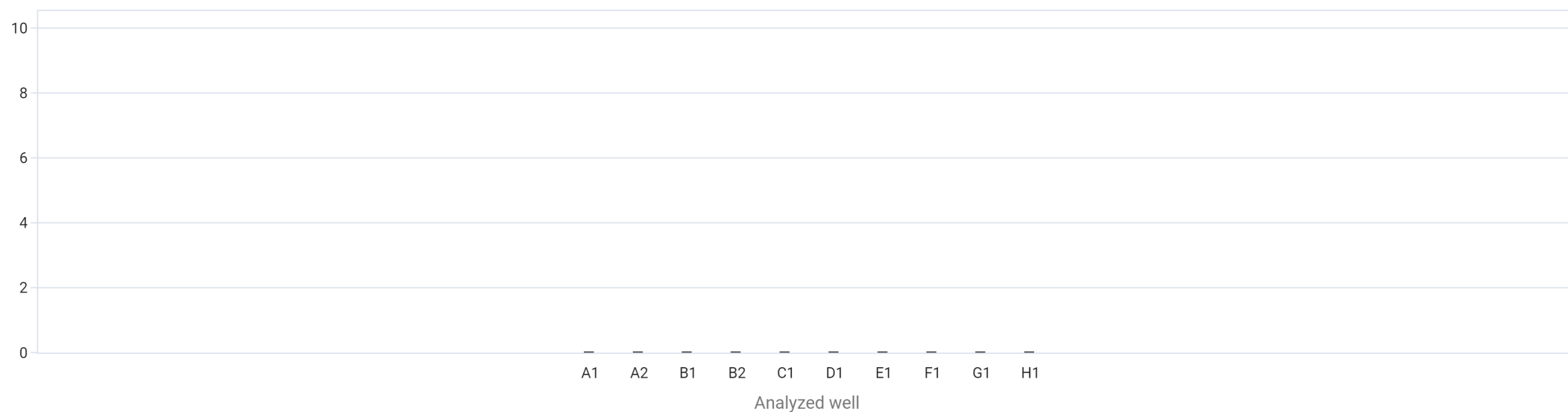


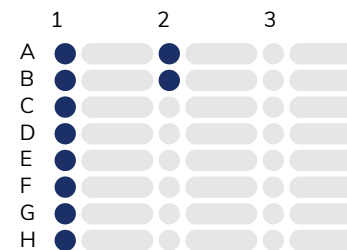
Wells selected: 10

Imaging step: 1

IC (10 wells)

● Green



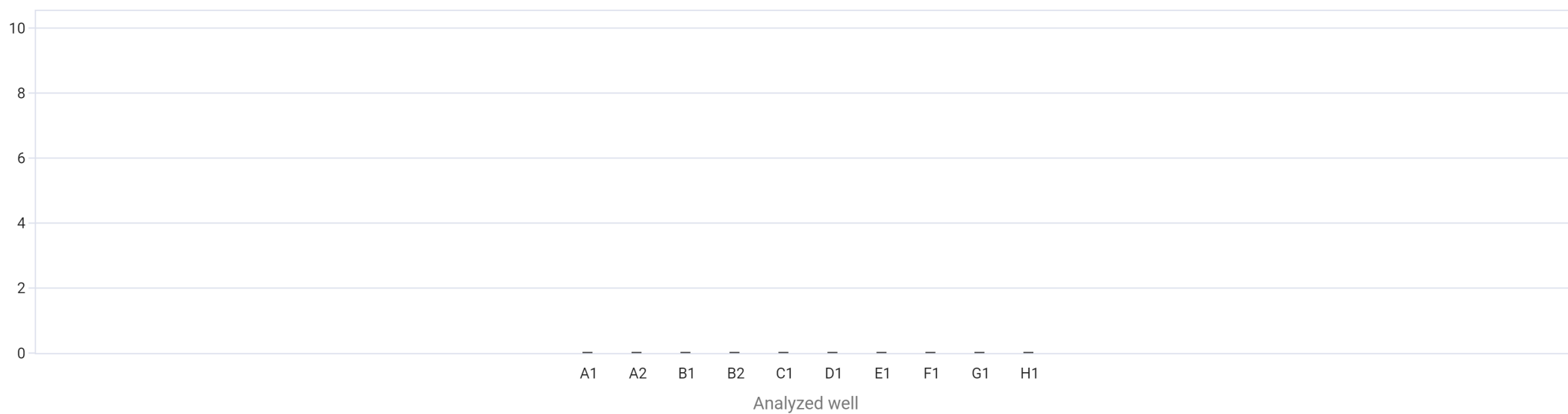


Wells selected: 10

Imaging step: 1

Tg (10 wells)

● Yellow



Comments