

ddPCR006_MONIS5_AssID_Mnelei_plt01_QIAcuity_rundate20-210901

03.09.2021

Run details

User	(admin)	Run started	02.09.2021 10:14
Software	QIAcuity Software Suite 1.2.18	Run ended	02.09.2021 10:45
Instrument	QIAcuity	Run status	Run_completed
		dPCR steps	PRIMING, CYCLING, IMAGING

Plate general data

Plate name	ddPCR006_MONIS5_AssID_Mnelei_plt01_QIAcuity_rundate20210901
Plate type	Nanoplate 26K 24-well
Barcode	010156941000010000000001571
Labels	mnelei
Description	Test of MST samples from fall-2020 with Mnelei assay

Plate Layout

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
A1	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	Mnelei3E3
B1	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	Mnelei3E2
C1	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0147
A2	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0452
D1	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0356
E1	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0364
E2	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1002
A3	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1010
B3	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1013

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
C3	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1016
D3	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1023
E3	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1049
F1	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0406
F2	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1003
F3	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1051
G1	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0435
G2	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1005
G3	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1052
H1	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0439

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
H2	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1006
H3	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	NON_TEMPLATE_CO...	NTC2
B2	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0459
C2	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0504
D2	Mnelei	Mnelei FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0547

Reaction Mixes

Reaction Mix Name	Target Name	Dye	Channel	IC	Reference
Mnelei	Mnelei	FAM	● Green	-	-

Absolute Quantification (Imaging step 1)

	Reaction Mix	Target	Sample/NTC/Control	Concentration copies/ μ L	CI (95%)	Partitions			Threshold
						valid	positive	negative	
A2	Mnelei	Mnelei	MST0452	41.1	6.7%	25401	835	24566	-
A3	Mnelei	Mnelei	MST1010	0.808	48.9%	25185	17	25168	-
B1	Mnelei	Mnelei	Mnelei3E2	6.5	17.2%	25429	131	25298	-
B2	Mnelei	Mnelei	MST0459	31.7	7.9%	25458	615	24843	-
B3	Mnelei	Mnelei	MST1013	1039.4	1.4%	25464	14300	11164	-
C1	Mnelei	Mnelei	MST0147	0.0	-	25463	0	25463	-
C2	Mnelei	Mnelei	MST0504	40.3	7.1%	25450	755	24695	-
C3	Mnelei	Mnelei	MST1016	178.4	3.3%	25454	3300	22154	-
D1	Mnelei	Mnelei	MST0356	118.9	4%	25457	2252	23205	-
D2	Mnelei	Mnelei	MST0547	194.2	3.2%	25456	3457	21999	-
D3	Mnelei	Mnelei	MST1023	398.9	2.2%	25469	6754	18715	-
E1	Mnelei	Mnelei	MST0364	0.252	95.7%	25448	5	25443	-
E2	Mnelei	Mnelei	MST1002	0.0	-	25430	0	25430	-
E3	Mnelei	Mnelei	MST1049	2594.6	0.9%	25462	22010	3452	-
F1	Mnelei	Mnelei	MST0406	0.460	68.7%	25454	9	25445	-
F2	Mnelei	Mnelei	MST1003	201.2	3.2%	25463	3485	21978	-
F3	Mnelei	Mnelei	MST1051	2334.1	0.9%	25252	21116	4136	-

	Reaction Mix	Target	Sample/NTC/Control	Concentration copies/μL	CI (95%)	Partitions valid	positive	negative	Threshold
G1	Mnelei	Mnelei	MST0435	229.1	2.9%	25476	4117	21359	-
G2	Mnelei	Mnelei	MST1005	146.5	3.7%	25480	2684	22796	-
G3	Mnelei	Mnelei	MST1052	0.0	-	25385	0	25385	-
H1	Mnelei	Mnelei	MST0439	386.2	2.2%	25417	6974	18443	-
H2	Mnelei	Mnelei	MST1006	135.8	3.7%	25487	2685	22802	-
H3	Mnelei	Mnelei	NTC2	0.0	-	25325	0	25325	-