ddPCR007_MONIS5_AssID_Neomel_plt01_QIAcuity_rundate2-0210902

03.09.2021

Run details

User	(admin)	**Run started**	02.09.2021 11:03
Software	QIAcuity Software Suite 1.2.18	**Run ended**	02.09.2021 13:14
Instrument	QIAcuity	**Run status**	Loaded
		dPCR steps	PRIMING, CYCLING, IMAGING

Plate general data

Plate name	ddPCR007_MONIS5_AssID_Neomel_plt01_QIAcuity_rundate20210902
Plate type	Nanoplate 26K 24-well
Barcode	0101569410000100000000001586
Labels	-
Description	Test of MST samples from fall-2020 with Neomel assay

Plate Layout

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
A1	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	Mnelei3E3
B1	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	Mnelei3E2
C1	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0147
C2	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0504
D1	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0356
D2	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0547
E1	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0364
E2	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1002
F1	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0406

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
F2	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1003
A3	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1010
B3	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1013
C3	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1016
D3	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1023
E3	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1049
F3	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1051
G1	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0435
G2	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1005
G3	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1052

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
H1	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0439
H2	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1006
H3	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	NON_TEMPLATE_CO...	NTC2
A2	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0452
B2	Neomel	Neomel FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0459

Reaction Mixes

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

Absolute Quantification (Imaging step 1)

	Reaction Mix	Target	Sample/NTC/Control	Concentration copies/µL	CI (95%)	Partitions valid	positive	negative	Threshold
A1	Neomel	Neomel	Mnelei3E3	39.6	6.8%	25316	826	24490	82.88
A2	Neomel	Neomel	MST0452	0.048	274.4%	25330	1	25329	71.65
A3	Neomel	Neomel	MST1010	0.049	274.5%	24424	1	24423	77.39
B1	Neomel	Neomel	Mnelei3E2	3.8	22.6%	25455	76	25379	89.25
B2	Neomel	Neomel	MST0459	0.051	274.4%	25369	1	25368	74.2
B3	Neomel	Neomel	MST1013	0.0	-	19088	0	19088	120.36
C1	Neomel	Neomel	MST0147	0.0	-	25473	0	25473	75.48
C2	Neomel	Neomel	MST0504	0.0	-	25429	0	25429	71.66
C3	Neomel	Neomel	MST1016	0.060	274.4%	21271	1	21270	75.48
D1	Neomel	Neomel	MST0356	0.151	130%	25462	3	25459	76.12
D2	Neomel	Neomel	MST0547	0.055	274.4%	23981	1	23980	73.57
D3	Neomel	Neomel	MST1023	0.0	-	18147	0	18147	116.85
E1	Neomel	Neomel	MST0364	0.050	274.5%	25486	1	25485	73.57
E2	Neomel	Neomel	MST1002	0.0	-	25439	0	25439	72.93
E3	Neomel	Neomel	MST1049	0.0	-	18305	0	18305	116.53
F1	Neomel	Neomel	MST0406	0.0	-	25463	0	25463	75.48
F2	Neomel	Neomel	MST1003	0.0	-	25465	0	25465	74.2

	Reaction Mix	Target	Sample/NTC/Control	Concentration copies/µL	CI (95%)	Partitions valid	positive	negative	Threshold
F3	Neomel	Neomel	MST1051	0.055	274.3%	23647	1	23646	72.61
G1	Neomel	Neomel	MST0435	0.102	168.7%	25440	2	25438	74.2
G2	Neomel	Neomel	MST1005	0.0	-	25460	0	25460	74.2
G3	Neomel	Neomel	MST1052	0.0	-	25374	0	25374	71.66
H1	Neomel	Neomel	MST0439	0.0	-	19075	0	19075	121
H2	Neomel	Neomel	MST1006	0.048	274.4%	25453	1	25452	80.58
H3	Neomel	Neomel	NTC2	0.048	274.4%	25423	1	25422	80.58