

ddPCR005_MONIS5_AssID_Myaare_plt01_QIAcuity_rundate2-0210902

03.09.2021

Run details

User	(admin)	Run started	02.09.2021 13:49
Software	QIAcuity Software Suite 1.2.18	Run ended	02.09.2021 15:59
Instrument	QIAcuity	Run status	Run_completed
		dPCR steps	PRIMING, CYCLING, IMAGING

Plate general data

Plate name	ddPCR005_MONIS5_AssID_Myaare_plt01_QIAcuity_rundate20210902
Plate type	Nanoplate 26K 24-well
Barcode	010156941000010000000001585
Labels	-
Description	Test of MST samples from fall-2020 with Myaare assay

Plate Layout

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
A1	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	Mnelei3E3
B1	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	Mnelei3E2
C1	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0147
A2	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0452
B2	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0459
C2	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0504
D1	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0356
D2	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0547
A3	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1010

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
B3	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1013
C3	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1016
D3	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1023
E1	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0364
E2	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1002
E3	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1049
F1	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0406
F2	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1003
F3	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1051
G1	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0435

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
G2	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1005
G3	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1052
H1	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST0439
H2	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	SAMPLE	MST1006
H3	myaare_mix	myaare FAM Green	- - -	- - -	- - -	- - -	NON_TEMPLATE_CO...	NTC2

Reaction Mixes

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

Absolute Quantification (Imaging step 1)

	Reaction Mix	Target	Sample/NTC/Control	Concentration copies/μL	CI (95%)	Partitions			Threshold
						valid	positive	negative	
A1	myaare_mix	myaare	Mnelei3E3	741.8	1.6%	24959	11554	13405	59.92
A2	myaare_mix	myaare	MST0452	0.0	-	23804	0	23804	56.35
A3	myaare_mix	myaare	MST1010	1.8	32.2%	25214	38	25176	68.85
B1	myaare_mix	myaare	Mnelei3E2	73.5	5.3%	23215	1307	21908	61.2
B2	myaare_mix	myaare	MST0459	0.0	-	19098	0	19098	100.6
B3	myaare_mix	myaare	MST1013	0.0	-	12277	0	12277	153.13
C1	myaare_mix	myaare	MST0147	0.112	274.4%	11456	1	11455	97.09
C2	myaare_mix	myaare	MST0504	0.0	-	4726	0	4726	200.56
C3	myaare_mix	myaare	MST1016	0.0	-	17183	0	17183	100.6
D1	myaare_mix	myaare	MST0356	0.0	-	19096	0	19096	99.32
D2	myaare_mix	myaare	MST0547	0.0	-	19096	0	19096	97.73
D3	myaare_mix	myaare	MST1023	37.1	9.8%	14023	396	13627	53.55
E1	myaare_mix	myaare	MST0364	0.673	64.9%	19093	10	19083	99.96
E2	myaare_mix	myaare	MST1002	0.0	-	17909	0	17909	96.13
E3	myaare_mix	myaare	MST1049	0.0	-	17016	0	17016	99.32
F1	myaare_mix	myaare	MST0406	0.0	-	12730	0	12730	148.98
F2	myaare_mix	myaare	MST1003	0.0	-	17350	0	17350	98.37

	Reaction Mix	Target	Sample/NTC/Control	Concentration copies/μL	CI (95%)	Partitions valid	positive	negative	Threshold
F3	myaare_mix	myaare	MST1051	0.059	274.3%	21906	1	21905	47.43
G1	myaare_mix	myaare	MST0435	0.0	-	19088	0	19088	99.96
G2	myaare_mix	myaare	MST1005	0.0	-	15599	0	15599	46.16
G3	myaare_mix	myaare	MST1052	0.0	-	25440	0	25440	53.8
H1	myaare_mix	myaare	MST0439	0.0	-	3740	0	3740	199.6
H2	myaare_mix	myaare	MST1006	0.0	-	16039	0	16039	100.6
H3	myaare_mix	myaare	NTC2	0.0	-	17347	0	17347	46.79