

## More MAb testing with complete one tube chemistry.

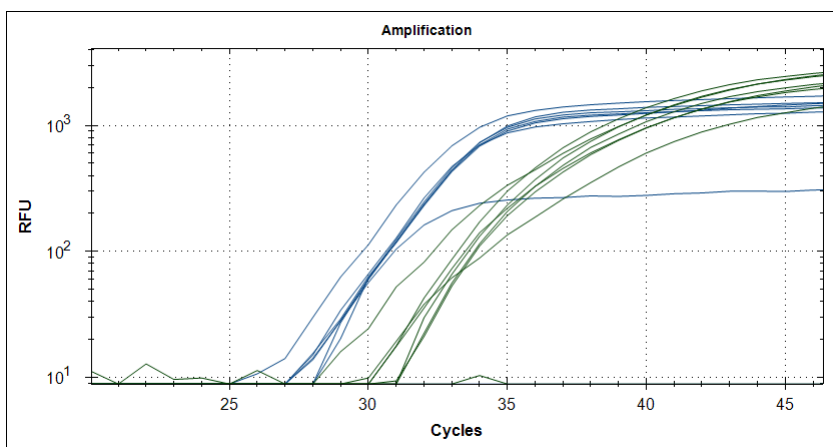
Starting template, pool of RNA from Rikshospitalet (anonymous samples) spiked with Covid RNA from Trondheim.

First experiment, keeping complete mix at 4°C for 2.5h

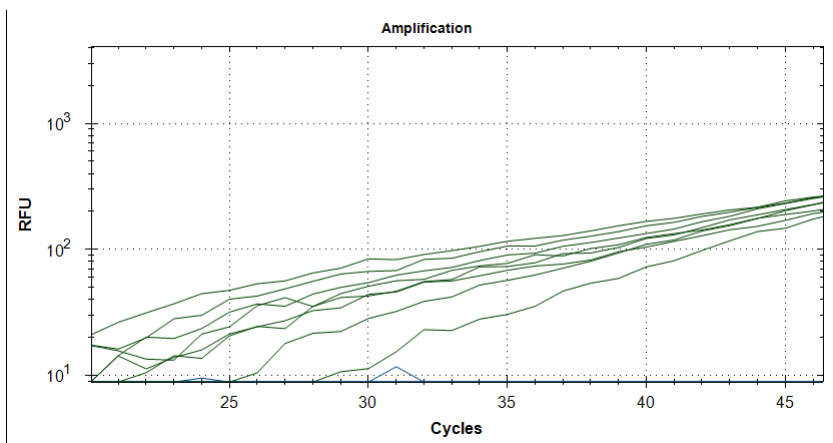
Complete mix split in 2, one subjected to cDNA synthesis 42°C 180 sec and 50°C 180 sec, then store at 4°C for 2.5h, the other half, straight into the fridge. After 2.5 hours, plate out and run cDNA synthesis and TaqMan probe PCR.

Taq (no Mab)

Straight into the fridge, store at 4°C for 2.5h

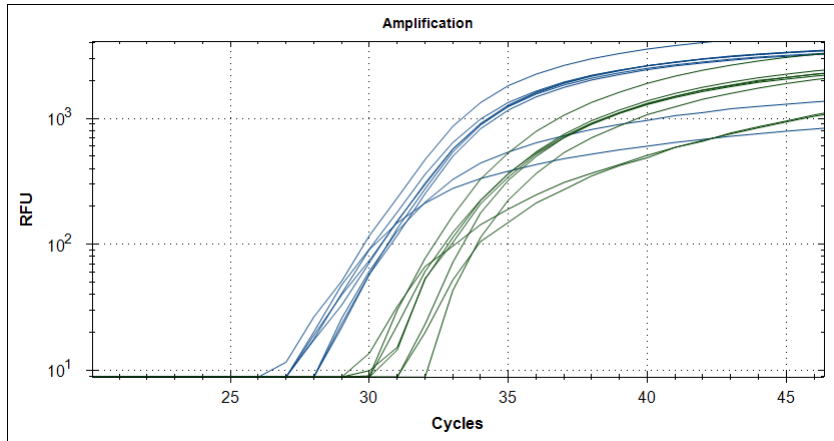


cDNA synthesis 42°C 180 sec and 50°C 180 sec, then store 4°C for 2.5h

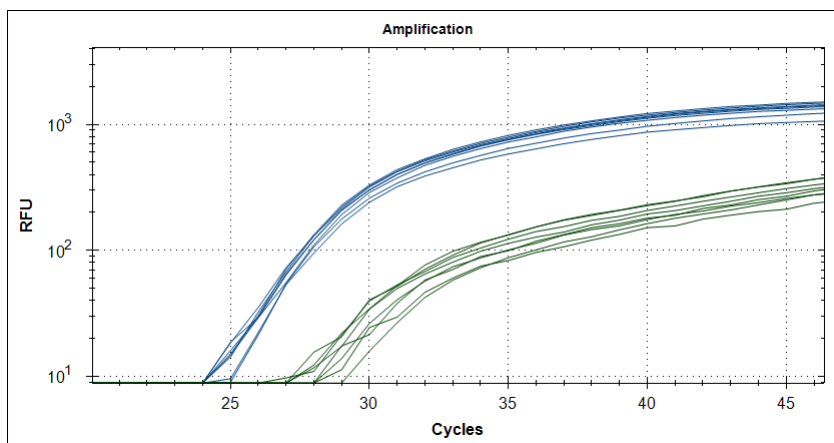


Taq with 0.5 $\mu$ g MAb

Straight into the fridge, store at 4°C for 2.5h

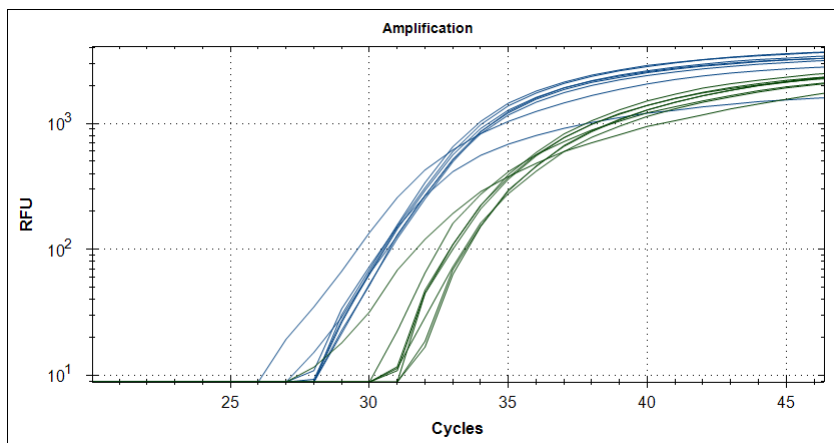


cDNA synthesis 42°C 180 sec and 50°C 180 sec, then store 4°C for 2.5h

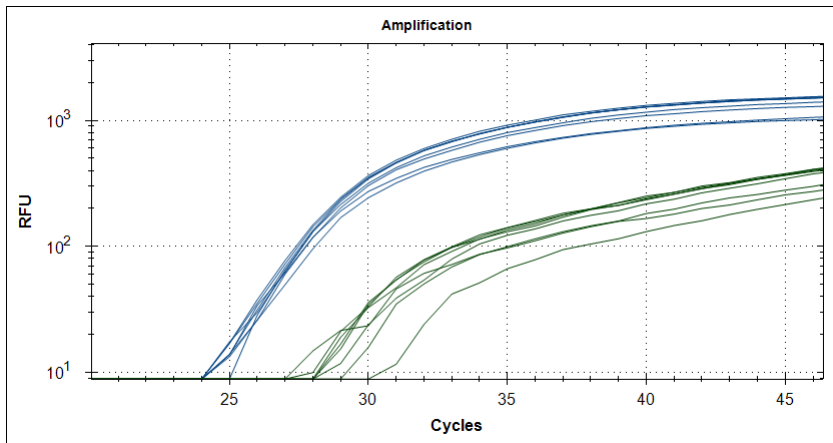


Taq with 1 $\mu$ g MAb

Straight into the fridge, store at 4°C for 2.5h



cDNA synthesis 42°C 180 sec and 50°C 180 sec, then store 4°C for 2.5h



## Second experiment

Starting template, pool of RNA from Rikshospitalet (anonymous samples) spiked with Covid RNA from Trondheim.

48 replicates with Taq plus 0.5 $\mu$ g or 1 $\mu$ g MAb. Blue is covid signal, green internal standard.

### Cq value of 48 technical replicates

	Covid	STD	Int.Std	STD
0.5 $\mu$ g Mab	29,5	0,3	32,0	0,9
1 $\mu$ g Mab	29,7	0,3	32,2	0,6

