

Test amplification of Sars-CoV-2 (RNA from Trondheim) in a one-tube setup. Reverse transcriptase (Mashup) and Native Taq compared to Mashup and HoStart Taq (Platinum).

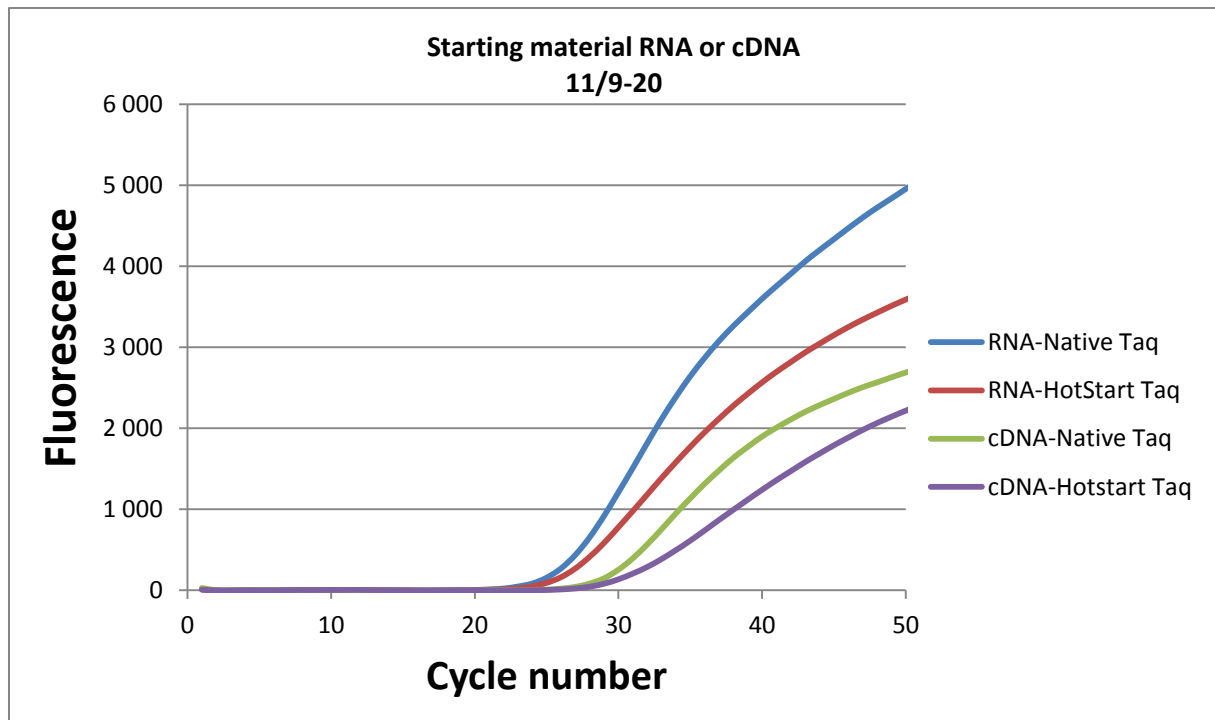
cDNA is used as a positive control.

Incubation time, 10minutes to produce cDNA

Primer and probe #20.

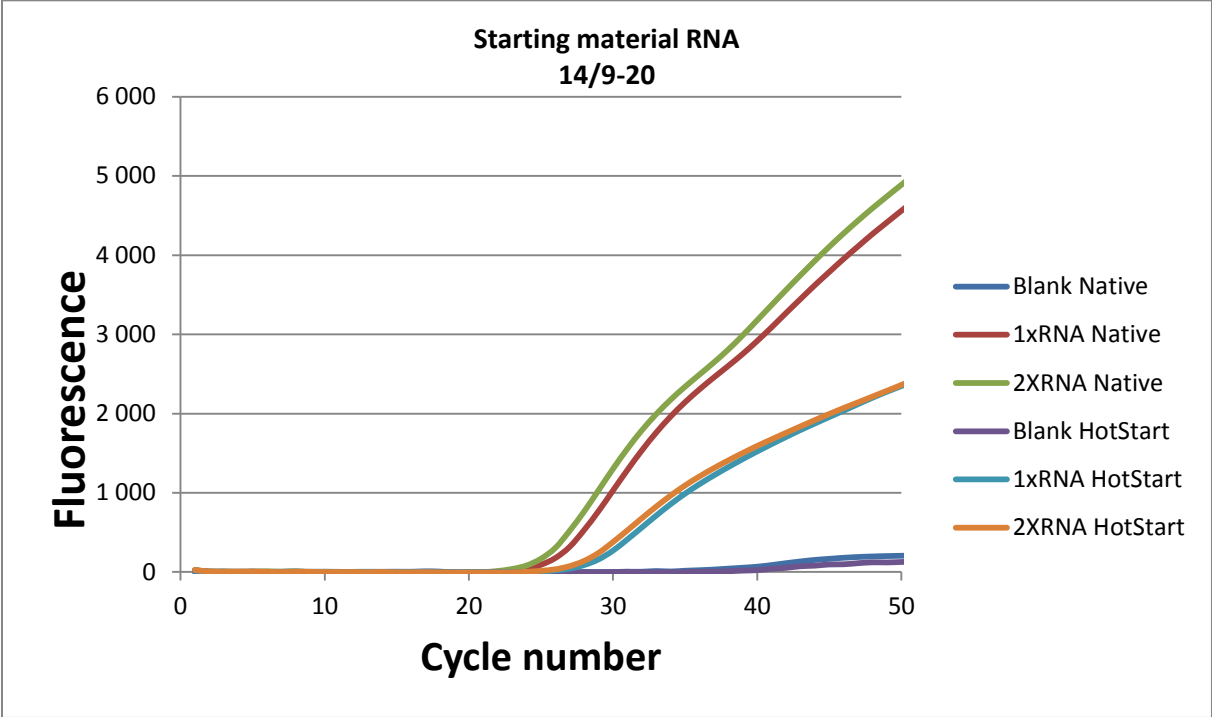
F	GGTAACTGGTATGATTTCCG	
R	CTGGTCAAGGTTAATATAGG	
P FAM-	TCATACAAACCACGCCAGG	BHQ1

https://www.who.int/docs/default-source/coronaviruse/real-time-rt-pcr-assays-for-the-detection-of-sars-cov-2-institut-pasteur-paris.pdf?sfvrsn=3662fcb6_2



Average of 12 technical replicates.

Reproduce results from 11/9-20



Blanks, n=1

1xRNA, n=5

2xRNA, n=6

Test one-tube PCR, the effect of RT incubation time and annealing temperature. (n=3).

Only «in-lab» chemistry, Mashup and Native Taq.

