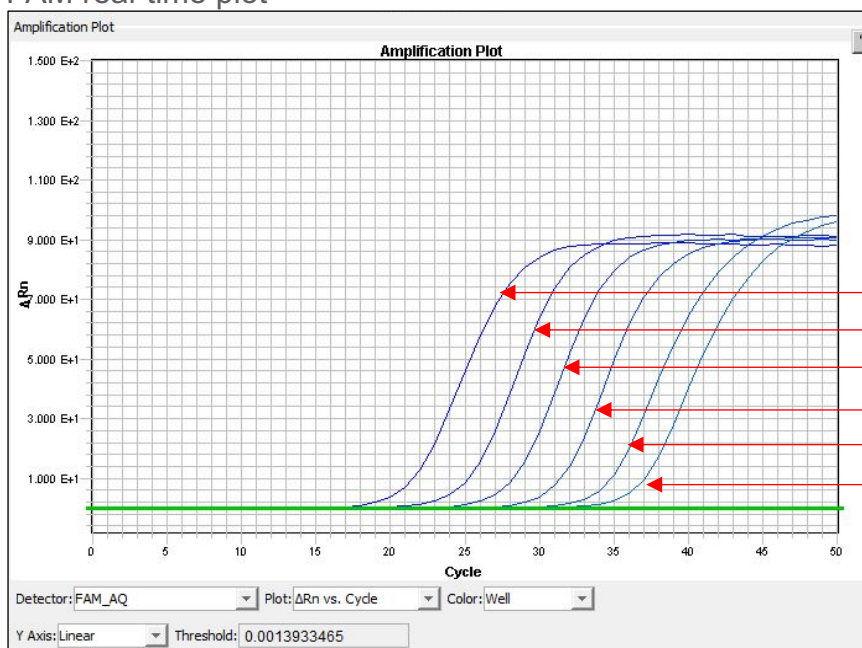


Synthetic RNA controls were purchased from Twist Bioscience and diluted to a starting concentration of 100,000 copies per μl . A serial dilution was then made to 10,000, 1,000, 100, 10, 1 and 0.1 copies per μl .

Each 5 μl reaction was performed in a 384 well PCR plate, with 2 μl of RNA control per well. Thermocycling and data analysis was performed on an ABI7900HT, using ProbeSure™ COVID-19 One Step RT-PCR Master Mix and assays manufactured by Integrated DNA Technologies (IDT™).

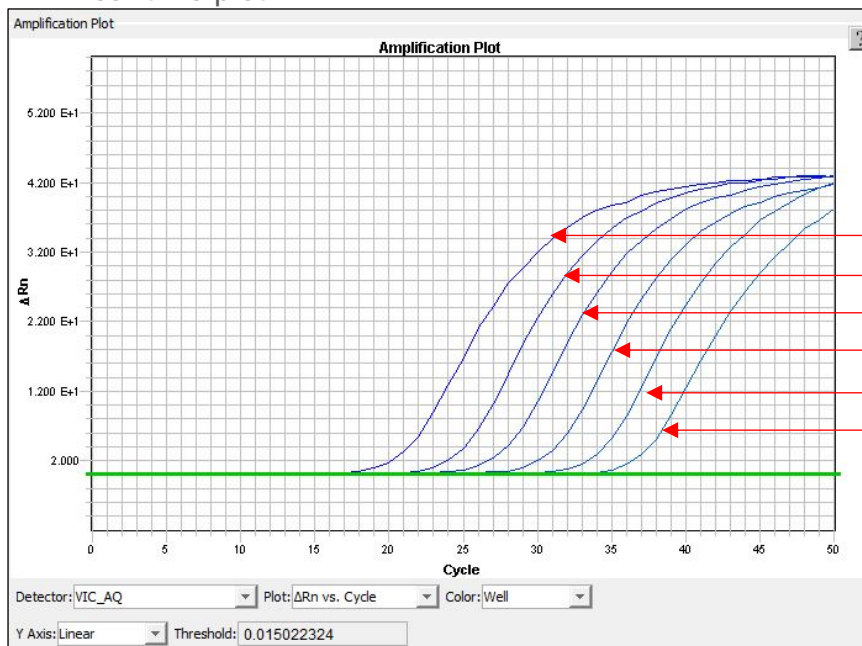
The N1 marker was labelled with FAM and the N2 marker was labelled with HEX.

FAM real-time plot



- Copies per well
- 200,000
 - 20,000
 - 2,000
 - 200
 - 20
 - 2
 - 0.2 – no C_t curve

HEX real-time plot



- Copies per well
- 200,000
 - 20,000
 - 2,000
 - 200
 - 20
 - 2
 - 0.2 – no C_t curve