

All samples were collected and extracted by a UK NHS trust, with the RNA being provided to 3CR Bioscience for testing purposes. Thermocycling was performed on an ABI7900HT, using ProbeSure-RT™ COVID-19 One Step RT-PCR Mix and assays manufactured by Integrated DNA Technologies (IDT™). End point analysis was performed using a Tecan Spark plate reader with data plotted in Excel

The first image below shows real-time data for the N1 Covid-19 marker analysed using a FAM labelled probe. The samples produced C_t values ranging from 12 – 36. The second image is from the same plate, which was subsequently read on a plate reader and the data plotted in Excel, giving a single tight cluster. Rather than having to analyse the C_t for every sample, it can clearly be seen in the endpoint results which are the N1 positive samples (red), the N1 negative samples (pink) and the no template controls (black).

No time-consuming quantitative analysis is required. By using ProbeSure-RT™ COVID-19 One Step RT-PCR kits that have been formulated with endpoint in mind, as well as real-time, you **reduce both time and expense of analysis** considerably.

