**Table 1.** In-house test systems and molecular targets used.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **TEST SYSTEM**  (Lab Site) | ***N1*** | ***N2*** | ***N* Unspecified** | ***E*** | ***RdRp*** | ***S*** | ***Orf 1ab*** |
| **RT-PCR** (Site A) |  | X |  |  |  |  |  |
| **RT-PCR** (Site B) | X | X |  |  |  |  |  |
| **RT-PCR** (Site B) **ThermoFisher** |  |  | X |  |  | X | X |
| **RT-PCR** (Site B) **PerkinElmer** |  |  | X |  |  |  | X |
| **GenMark** (Site B) **e-Plex** |  |  | X |  |  |  |  |
| **DiaSorin** (Site B) **Simplexa** |  |  |  |  |  | X | X |
| **BD MAX** (Site B) | X | X |  |  |  |  |  |
| **Cepheid** (Site A) **Gene Xpert** |  | X |  | X |  |  |  |
| **ElliTe** (Site A) **InGenius** |  |  | X | X | X |  |  |

Abbreviations:

***N1*** = Nucleocapsid phosphoprotein gene 1

***N2*** = Nucleocapsid phosphoprotein gene 2

***N Unspecified*** = Nucleocapsid phosphoprotein gene unspecified

***E*** = Viral assembly protein; common to some coronaviruses

***RdRp*** = RNA-dependent RNA polymerase

***S***= Spike glycoprotein gene

***Orf 1ab*** = Replicase/transcriptase non-structural protein gene