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| <b>Test Name:</b> | <b>SARS-CoV-2 RNA, QUALITATIVE RT-PCR</b> |
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| <b>Methodology:</b>           | Real-Time (RT) Reverse Transcriptase Polymerase Chain Reaction (rPCR)   |
| <b>Testing Platform:</b>      | Applied biosystems Quant Studio 12k/Thermofisher/Taqpath COVID-19   |
| <b>Testing Sensitivity:</b>   | 100% at 10 GCE/reaction   |
| <b>Testing Specificity:</b>   | 100% specific to SARS CoV-2 RNA   |
| <b>Collection Sources:</b>    | Nasal swab (N), nasopharyngeal swab (NP) or oropharyngeal (throat)  |
| <b>Collection Swabs:</b>      | Flocked, rayon, or polyester fiber swabs. Select swabs with serrated shafts   |
| <b>Transport Media:</b>       | (1) Multi microbe media (M4, M4RT, M5, M6)<br>(2) VTM media “green-cap” tube or equivalent (UTM)                                      |
| <b>Transport Temperature:</b> | Specimens must be kept cool<br>- If transported $\leq 72$ h, keep at 4oC<br>- If transported $>72$ h, keep at -70oC (ship on dry ice) |
| <b>Specimen Stability:</b>    | Stored at 4oC for up to one week; long term storage at -20oC in non-frost freezer acceptable  |
| <b>Reference Range(s)</b>     | Not Detected  |

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