

Author: National Institute For Viral Disease Control and Prevention, Beijing, China

Technique: Real Time RT-PCR

Methodology: The protocol indicates the Primers and Probes in order to target two genes, namely *ORF1ab* and *N*.

Material:

- Nucleic acid extraction and real-time fluorescent RT-PCR should be followed according to the manufacturer's kit instructions, therefore the necessary material is according to the selected kit.
- Primers and Probes sequences

Target 1 (*ORF1ab*) :

Forward primer (F): 5'-CCCTGTGGGTTTTACTTAA-3'

Reverse primer (R): 5'-ACGATTGTGCATCAGCTGA-3'

Fluorescent Probe (P): 5'-FAM-CCGTCTGCGGTATGTGGAAAGGTTATGG-BHQ1-3 '

Target 2 (*N*) :

Forward primer (F): 5'-GGGGAAGTCTCTGCTAGAAT-3'

Reverse primer (R): 5'-CAGACATTTGCTCTCAAGCTG-3'

Fluorescent Probe (P): 5'-FAM-TTGCTGCTGCTTGACAGATT-TAMRA-3 '