



UltraGene Combo 3 genes CoV-2 Assay



“RECOMMENDED BY WHO FOR THE DIAGNOSIS OF SARS-COV-2”



ACCURACY

- Sensitive
- Repeatable and reproducible



SPECIFICITY

- Target 3 conserved regions
- 100% specificity based on in-silico analysis



FLEXIBILITY

- Compatible with multi samples types
- Compatible with standard qPCR systems
- Positive and Negative controls included

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Kit content

- ❖ Primers
 - ✓ RdRp
 - ✓ N gene
 - ✓ E gene
- ❖ Master mix
- ❖ Control Negative
- ❖ Control Positive
- ❖ Probes

Template compatibility:

- Oropharyngeal swab
- Nasopharyngeal swab
- Bronchoalveolar lavage (BAL)
- Sputum
- Plasma or serum samples



Key features



- Specific detection of SARS-CoV-2 : RdRp & N-gene
- Detection confirmation with E-gene
- Limit of detection (LOD) : 100 copies/mL
- Repeatability & Reproducibility : Precision values of intra and inter Ct values were all <5%
- Specificity : 100%
 - Inclusivity : In silico analysis concluded that the UltraGene Assay will detect all analyzed SARS-CoV-2 sequences in NCBI and in GISAID databases
 - No potential unintended cross reactivity is expected based on the in-silico analysis
- Simple workflow
- Hands-on-time : 20 minutes
- Estimated turnaround time: 3 hours

References & contact



UltraGene Combo 3 genes CoV-2 detection & confirmation assay – 50 tests UG20-CV19-RNE-50
 UltraGene Combo 3 genes CoV-2 detection & confirmation assay – 1000 tests UG20-CV19-RNE-1000

CONTACT

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