

Novel Coronavirus (2019-nCoV) RT-PCR Detection Kit

(Fluorescence PCR Method)

Advantage

- (1) 3 Target detection: Qualitative detection of ORF1ab gene, N gene, E gene of new coronavirus
- (2) Internal reference monitoring: Effectively monitor the entire detection process such as extraction, reverse transcription and amplification to avoid false negative results
- (3) Anti-pollution system: UNG enzyme and dUTP are used to effectively prevent the contamination of amplification products and avoid false positive results



Work Flow

Collect samples

Inactivate samples

RNA Extraction

Amplification

Sample processing

Product Information

- (1) Packaging specifications: 32 servings / box, 48 servings / box, 96 servings / box
- (2) Applicable samples: nasopharyngeal swabs, throat swabs, sputum or alveolar lavage fluid, etc.
- (3) Amplification time: about 1 hour and 20 minutes
- (4) Sensitivity: 300 copies / mL
- (5) Precision: Ct value variation coefficient CV within / between batches are less than 5%
- (6) Specificity: No cross-reactivity with other related pathogens that are the same or similar to the infection site
- (7) Applicable instrument: ABI 7500, LightCycler480, SLAN96, LM2012, etc.
- (8) Reagent validity: $-15^{\circ}\text{C} \sim -25^{\circ}\text{C}$, 12 months

