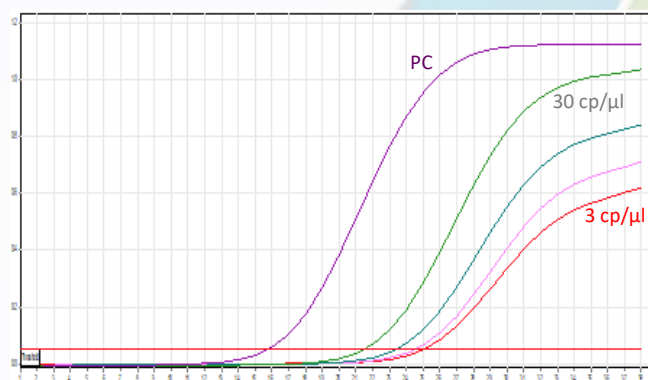


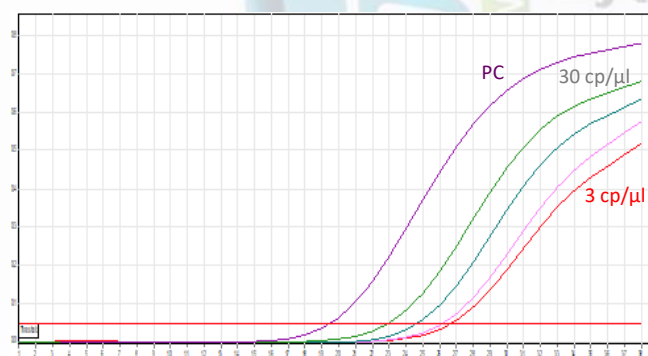
# LyteStar™ 2019-nCoV Kit

Multiplex detection of E-gene and RdRP-gene of SARS-CoV-2

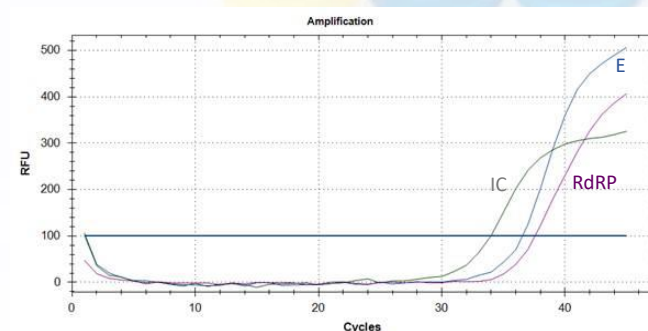
The LyteStar™ 2019-nCoV Kit is a multiplex kit for the detection of SARS-CoV-2 *E*-gene and *RdRP*-gene in less than 1.5 hours. The kit has been validated for direct PCR, and may be used without the need for nucleic acid extraction.



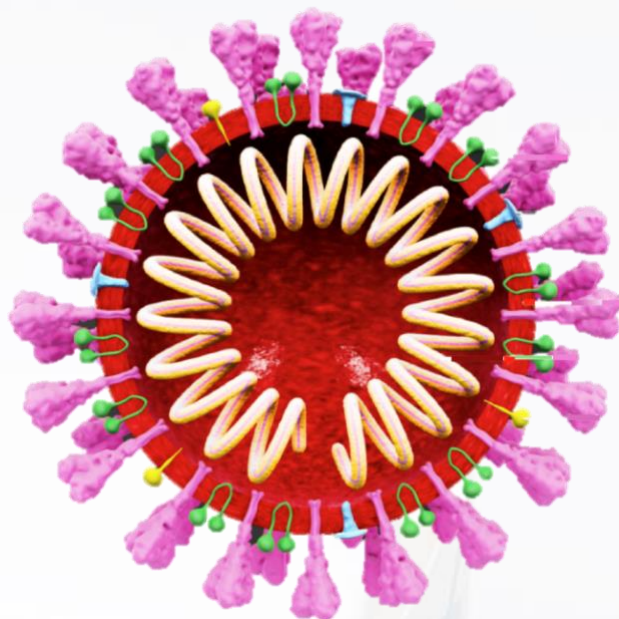
Detection on RGQ - E-gene: PC, 30, 10, 5, 3 copies/μl



Detection on RGQ - RdRP-gene: PC, 30, 10, 5, 3 copies/μl



Detection on CFX96: IC, E-gene (3 cp/μl), RdRP-gene (3 cp/μl)



## Specifications and Features

- **Multiplex kit** for Screening and Confirmation:
  - SARS-related CoV; *E*-gene
  - SARS-CoV-2 specific; *RdRP*-gene
  - Internal Control (IC); heterologous RNA
- **Highest Analytical Sensitivity**
  - 2.14 cp/μl for *E*-region
  - 1.68 cp/μl for *RdRP*-gene
- **100% Analytical Specificity**; no cross reactivity with other human CoV, Influenza and other respiratory viruses and pathogens
- **100% Diagnostic Sensitivity**
- **100% Diagnostic Specificity**
- Validated for **direct PCR**
- Optimised for use on real-time PCR systems: Rotor-Gene Q (Qiagen), CFX96 (BioRad), Mic (Biomolecular Systems), ABI Prism 7500 SDS and QuantStudio5 (Applied Biosystems)
- **MDA Reg. No. IVDC2905923-115842**



## Recommended Sample Preparation

### SpinStar™ Viral Nucleic Acid Kit

The SpinStar™ Viral Nucleic Acid Kit is designed for the simultaneous purification of viral DNA and RNA from fresh or frozen human serum and plasma, respiratory specimens and stool. The extracted DNA and/or RNA is ready to use for any downstream application where highly purified nucleic acids are required.



### Validated for Direct PCR

The LyteStar™ 2019-nCoV RT-PCR Kit 2.0 has been validated for direct PCR from Viral Transport Medium without the need for nucleic acid extraction. For validated starting materials refer to Instructions for Use.

## Order Information

Product	Content	Σ	Cat. No.
LyteStar™ 2019-nCoV RT-PCR Kit 2.0 (E & RdRP gene)	Master A, Master B, Positive Control (PC), Internal Control (IC), PCR-grade Water	96	888003
SpinStar™ Viral Nucleic Acid Extraction Kit	SpinStar™ Columns, Collection Tubes, Lysis Buffer, Wash Buffer 1, Wash Buffer 2, Carrier RNA, Proteinase K, Elution Buffer	100	811803

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