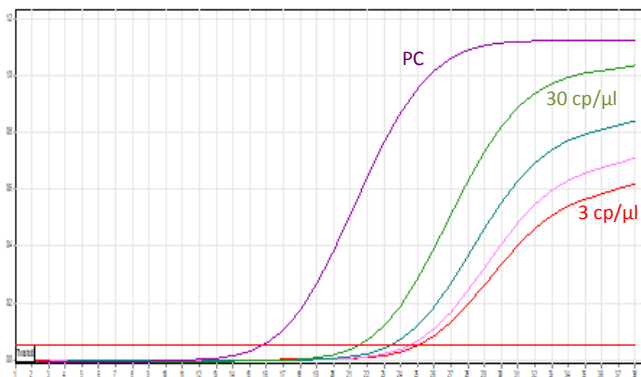


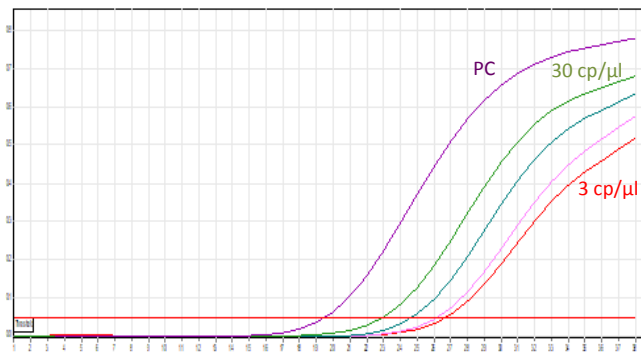
# LyteStar™ 2019-nCoV Kit

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

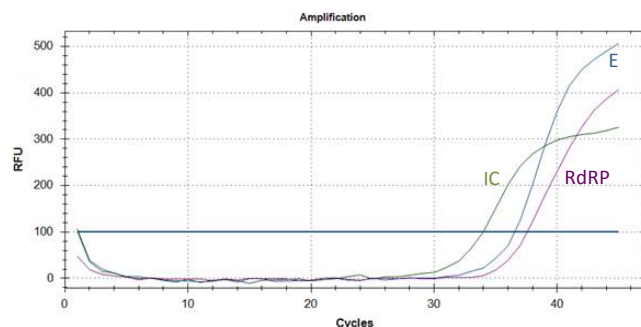
The LyteStar™ 2019-nCoV Kit is a CE IVD certified multiplex kit for detection of SARS-CoV-2 E-gene and RdRP-gene in less than 1.5 hs.



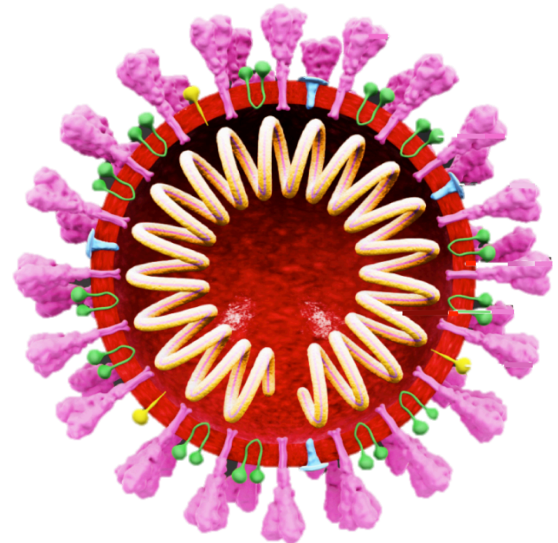
Detection on RGQ - E-gene: PC, 30, 10, 5, 3 copies/μl



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)



## LyteStar™ 2019-nCoV RT-PCR Kit

- **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-gene
  - 1.68 cp/μl for RdRP-gene
- **100% Clinical Sensitivity**
- **100% Specificity; no cross reactivity** with other human CoV, Influenza and other respiratory viruses and pathogens
- For Rotor-Gene Q (Qiagen), CFX96 (BioRad), Mic (Biomolecular Systems), ABI Prism 7500 SDS and QuantStudio 5 (Applied Biosystems)
- **CE IVD certified and MDA approved**



## 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 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. For ultra-sensitive results the SpinStar™ Viral Nucleic Acid Kit can be combined with the SpinStar™ VNA Plus Mix to concentrate virus particles from up to 1 ml sample material.

### NEW - Validated for Direct PCR

The robust composition and premium quality of the LyteStar™ products enable a direct PCR approach without prior nucleic acid extraction for the detection of SARS-CoV-2 from respiratory specimens in Viral Transport Medium (VTM). The direct PCR protocol has been validated with a simple 5 min lysis procedure to yield viral RNA of sufficient purity for detection with the LyteStar™ 2019-nCoV RT-PCR Kit 2.0, significantly reducing turn-around time, complexity and labor.

## Order Information

Product	Content	Reactions	Cat. No.
LyteStar™ 2019-nCoV RT-PCR Kit 2.0 (E gene & RdRP gene)	Master A, Master B, Positive Control (PC), Internal Control (IC), PCR-grade Water	96	888003
LyteStar™ SARS-CoV-2 RT-PCR Kit S (E gene only)	Master A, Master B (E gene), Positive Control (PC), Internal Control (IC), PCR-grade Water	96	888103
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
SpinStar™ VNA Plus Mix	Pretreatment Solution	100	812803

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