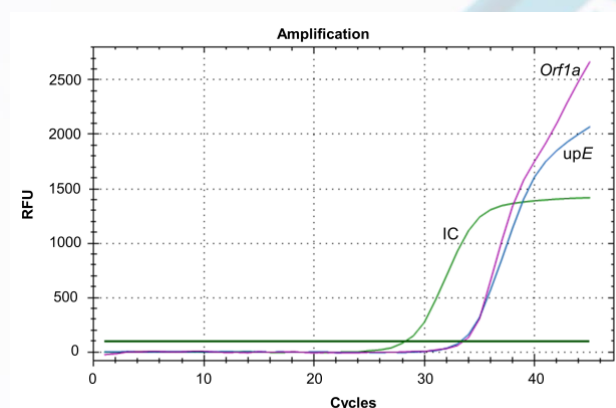


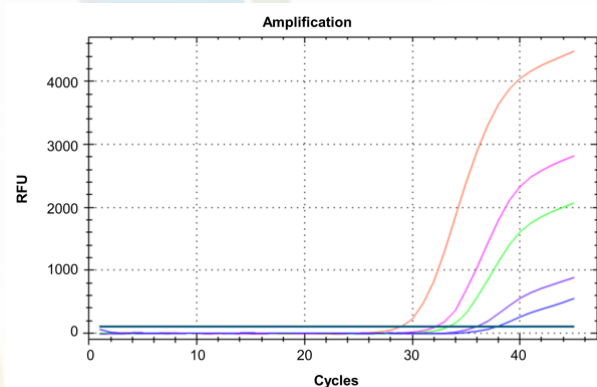
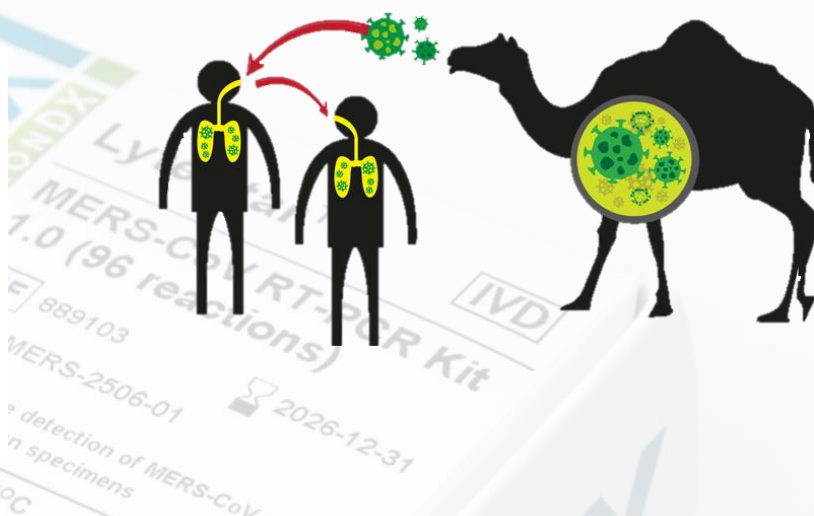
LyteStar™ MERS-CoV Kit

Dual-target detection of *upE* and *Orf1a* genes of MERS-Coronavirus

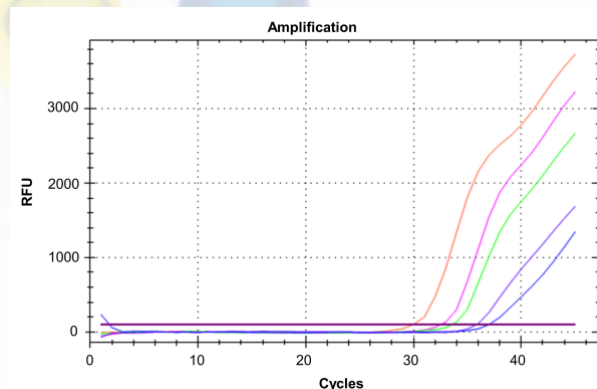
The LyteStar™ MERS-CoV RT-PCR Kit is a dual-target multiplex kit for the detection of Middle East Respiratory Syndrome (MERS-CoV) *upE* and *Orf1a* genes in less than 1.5 hours.



Detection on CFX Opus 96 - 10 copies/μl of MERS-CoV



upE gene PC, 20, 10, 2 and 1 copies/μl



Orf1a gene PC, 20, 10, 2 and 1 copies/μl

Specifications and Features

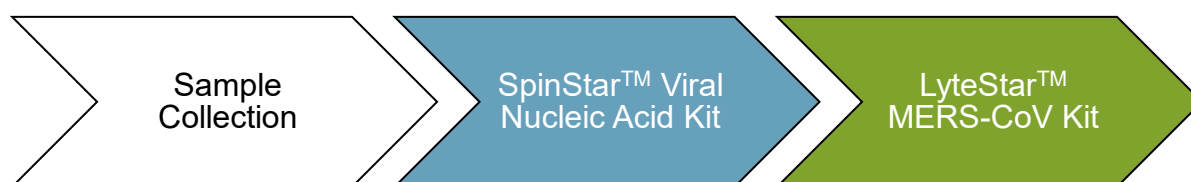
- **Multiplex kit** for Screening and Confirmation:
 - Target 1 - MERS-CoV specific; Upstream region of *E* gene (*upE*)
 - Target 2 – MERS-CoV specific; Open reading frame 1a (*Orf1a*)
 - Internal Control (IC); heterologous RNA
- **Highest Analytical Sensitivity**
 - 1.45 cp/μl for *upE*-gene
 - 1.49 cp/μl for *Orf1a*-gene
- **100% Analytical Specificity**; no cross reactivity with other human CoV (including SARS-CoV-2), Influenza and other respiratory viruses and pathogens
- Dual-target assay in **single tube format**
- Optimised for use on real-time PCR systems: CFX Opus 96 (BioRad) and CFX96 (BioRad), Rotor-Gene Q (Qiagen) and Mic (Biomolecular Systems)
- **MDA Reg. No. IVDC6675623-126691**



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.



Order Information

Product	Content	Σ	Cat. No.
LyteStar™ MERS-CoV RT-PCR Kit 1.0 (upE & Orf1a gene)	Master A, Master B, Positive Control (PC), Internal Control (IC), PCR-grade Water	96	889103
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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