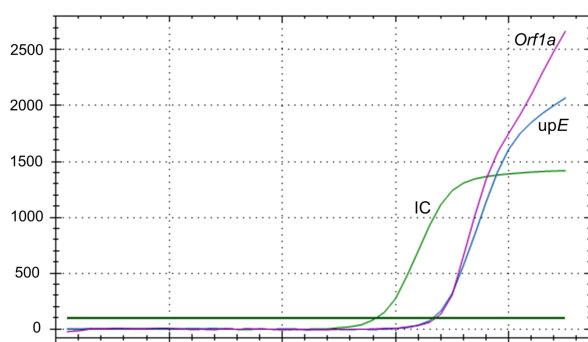
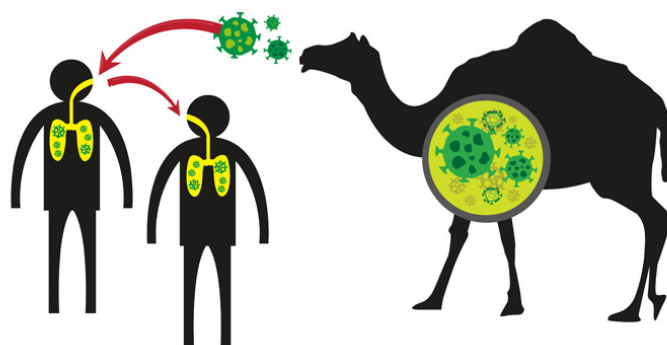


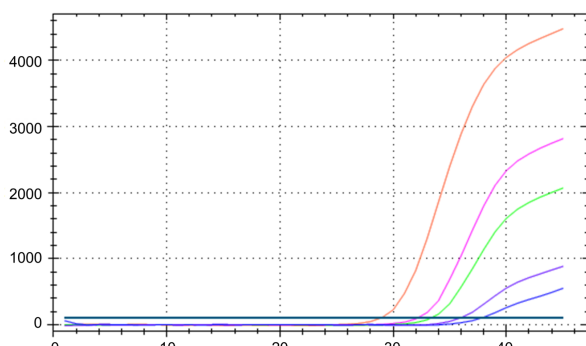
LyteStar™ MERS-CoV Kit

Multiplex detection of *upE* and *Orf1a* gene of MERS-CoV

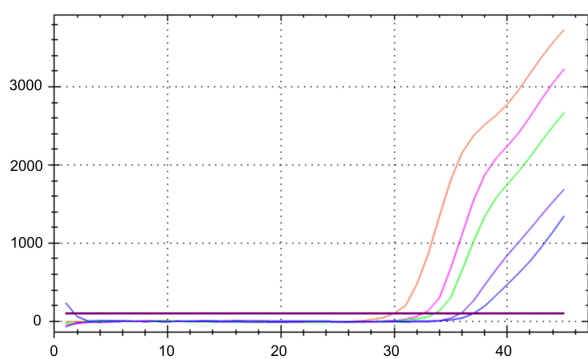
The LyteStar™ MERS-CoV RT-PCR Kit is a CE IVD certified multiplex kit for detection of Middle East Respiratory Syndrome (MERS-CoV) *upE* and *Orf1a* genes in human respiratory specimens.



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

LyteStar™ MERS-CoV RT-PCR Kit

- **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 copies/μL for *upE* gene
 - 1.49 copies/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
- Optimised for use on real-time PCR systems: CFX Opus 96 and CFX96 (BioRad), Rotor-Gene Q (Qiagen) and Mic (Biomolecular Systems)
- **CE IVD certified**
- **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)	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

ADT Biotech

307 Block B, Phileo Damansara 1, 9 Jalan 16/11
46350 Petaling Jaya, Selangor, Malaysia

phone +603 7931 6760
fax +603 7931 5352
email info@adt-biotech.com
website www.adt-biotech.com

