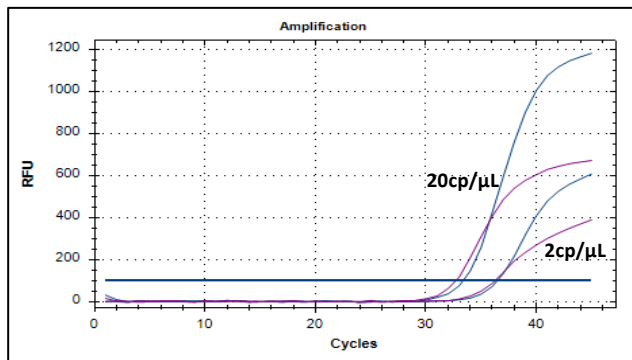




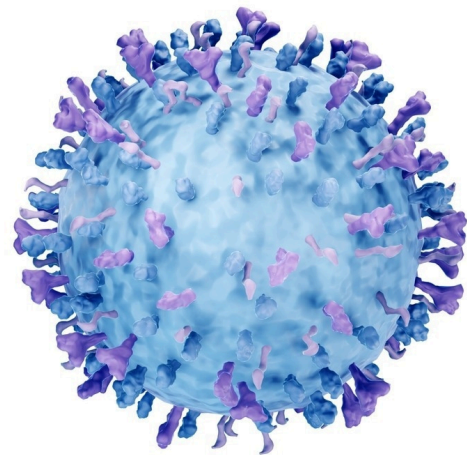
LyteStar™ COVID/ Flu/ RSV Differentiation Kit

Multiplex detection of SARS-CoV-2,
Influenza A, Influenza B and RSV

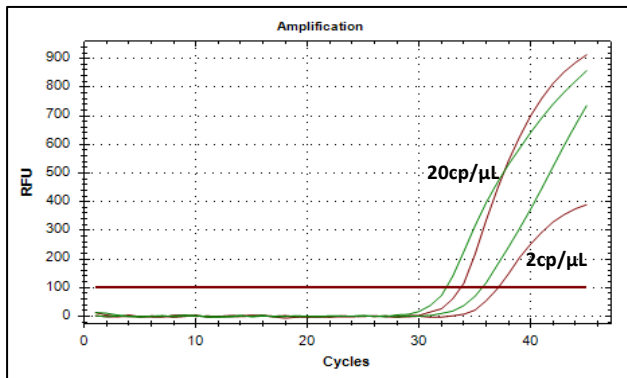
The LyteStar™ COVID/ Flu/ RSV Differentiation Kit is a multiplex kit for specific detection and differentiation of SARS-CoV-2 (*RdRP* gene), Influenza A (*M* gene), Influenza B (*HA* gene) and RSV (*M* gene).



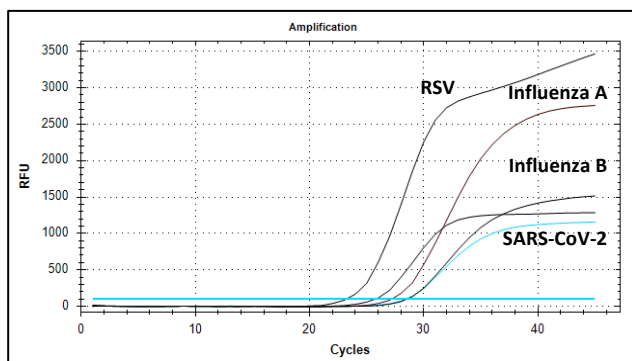
Detection on CFX96 – SARS-CoV-2 and RSV



LyteStar™ COVID/ Flu/ RSV Differentiation RT-PCR Kit



Detection on CFX96 – Influenza A and Influenza B



Positive Control (PC) and Internal Control (IC)

- **Multiplex kit for Detection:**
 - SARS-CoV-2 specific; *RdRP*-gene
 - Influenza A specific; *M*-gene
 - Influenza B specific; *HA*-gene
 - RSV specific; *M*-gene
 - Internal Control (IC); heterologous RNA
- **Highest Analytical Sensitivity**
 - 0.31 cp/μl for SARS-CoV-2 *RdRP*-gene
 - 0.82 cp/μl for Influenza A *M*-gene
 - 0.85 cp/μl for Influenza B *HA*-gene
 - 1.53 cp/μl for RSV *M*-gene
- **100% Analytical Specificity; no cross-reactivity** with other respiratory viruses and pathogens
- **100% Diagnostic Sensitivity**
- **Overall Diagnostic Specificity**
 - 100% for SARS-CoV-2 and Influenza B
 - 99.2% for Influenza A
 - 98.2% for RSV detection
- Optimised for use on real-time PCR systems: CFX Opus 96 (BioRad) and CFX96 (BioRad)
- **MDA Reg. No. IVDC7587424-162410**

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™ COVID/ Flu/ RSV Differentiation RT-PCR Kit 1.0	Master A, Master B, Positive Control (PC), Internal Control (IC), PCR-grade Water	96	881203
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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