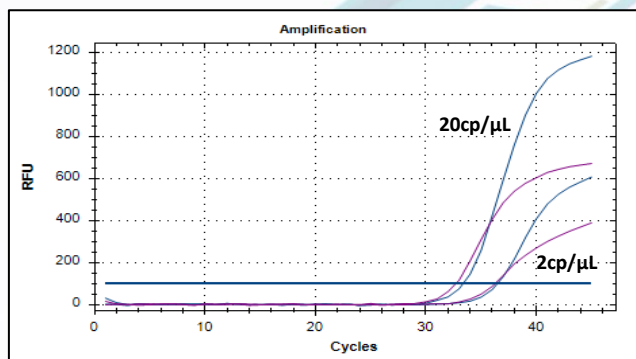




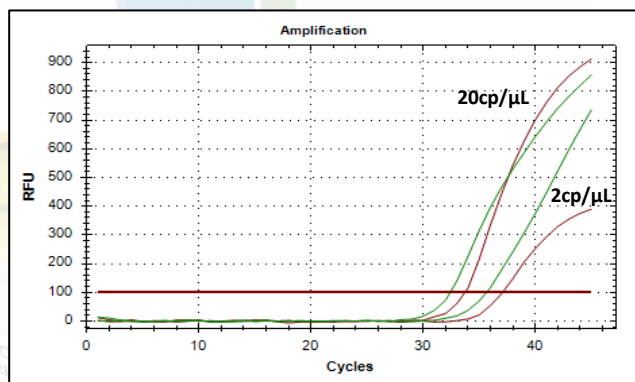
# LyteStar™ COVID/ Flu/ RSV Differentiation Kit

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

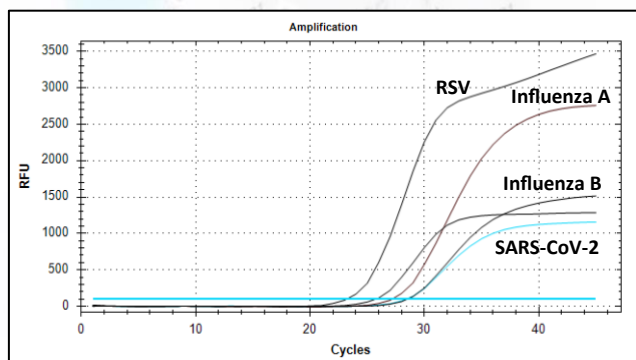
The LyteStar™ COVID/ Flu/ RSV Differentiation Kit is a multiplex kit for specific detection and differentiation of SARS-CoV-2 (*RdRP* gene), Influenza A (*M* gene), Influenza B (*HA* gene) and RSV (*M* gene).



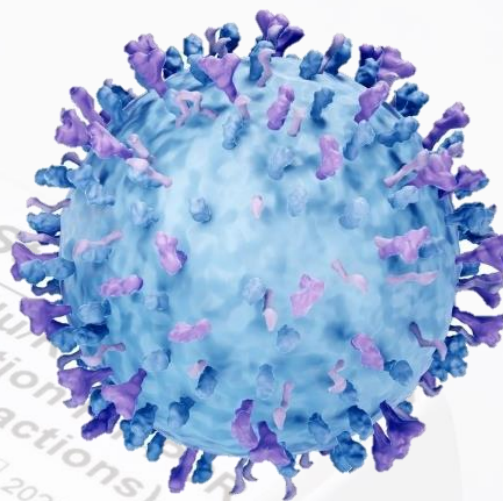
Detection on CFX96 – SARS-CoV-2 and RSV



Detection on CFX96 – Influenza A and Influenza B



Positive Control (PC) and Internal Control (IC)



## Specifications and Features

- **Multiplex kit for Detection and Differentiation:**
  - 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 *M*-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
- Optimised for use on real-time PCR systems: CFX Opus 96 / 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.



### Validated for Direct PCR

The LyteStar™ COVID/ Flu/ RSV Differentiation RT-PCR Kit 1.0 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™ 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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