

COYOTE

FlashDetect™ Respiratory Infections

Compatible with FlashDetect™
Nano, Flash10 and Flash20



Syndromic molecular respiratory panel offering rapid, onsite detection of key respiratory pathogens with a flexible menu of targeted multiplex assays.

Designed for clinical decision-making at the point of care, the assay series covers a wide range of common and critical infections, including:

LyocartD

LyocartE



SARS-CoV-2&Flu A&Flu B&RSV

SARS-CoV-2&Flu A&Flu B

RSV&MP&ADV

SARS-CoV-2

HMPV/HPIV/HRV

Flu A&Flu B&RSV

All-in-One Cartridge
Sample to Result

- **Multiplex test in one reaction**
- **18~36 mins** sample to result
- **LoD 100 copies/mL***
- Includes internal control

- Pre-loaded with lyophilized reagents
- Contamination-free
- Room temperature storage and transportation

* Assays specific

TECHNICAL SPECIFICATIONS

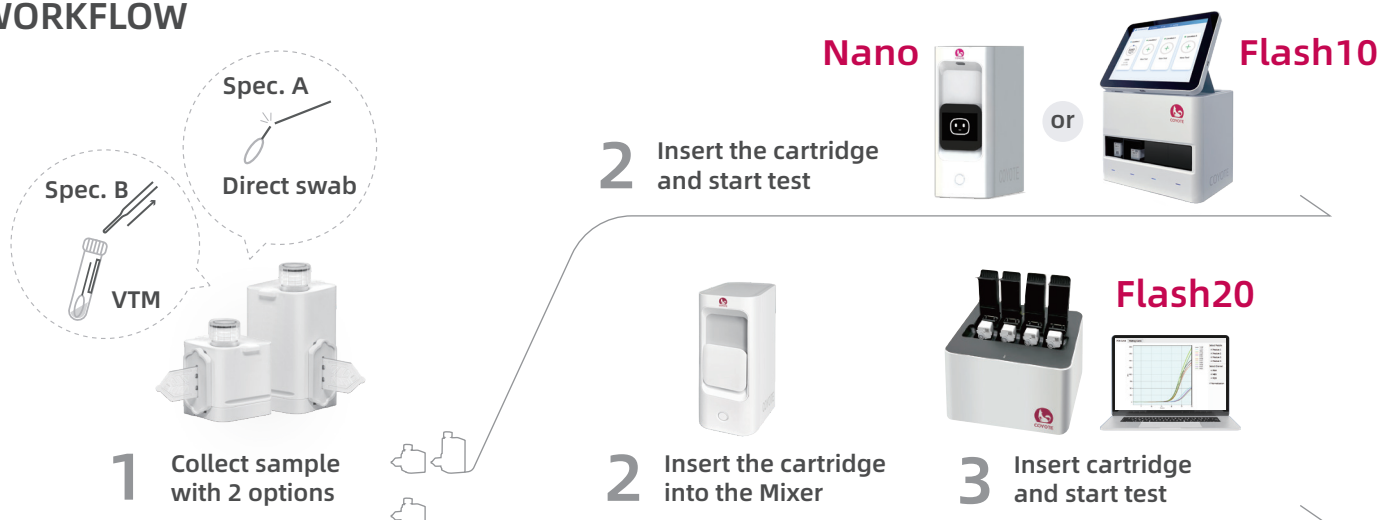


Method	Real-Time PCR					
Compatible Instrument	 LyocartD: FlashDetect™ Nano, Flash10 and Flash20					
	 LyocartE: FlashDetect™ Nano, Flash10					
Storage Temperature	2-28 °C					
Pack Size	24 tests/kit					
Product	Format ^{*1}	LoD	Detection Time	Analytes & Fluorescence Channel	Sample Type	Cat. No. ^{*2}
SARS-CoV-2& Flu A&Flu B&RSV		200 copies/mL (SARS-CoV-2, RSV)	Within 36 mins	FAM: <i>M</i> gene (Flu A), <i>NS</i> gene (Flu B) HEX: <i>ORF1ab</i> and <i>N</i> gene (SARS-CoV-2) ROX: <i>N</i> gene (RSV) Cy5: <i>Actin</i> gene (Internal Control)	Nasal, Nasopharyngeal, Oropharyngeal swabs	SPEC. A (6018031802-CE) SPEC. B (6018031805-CE)
		500 copies/mL (FluA/FluB)				
SARS-CoV-2		200 copies/mL	18 - 26 mins	FAM: <i>ORF1ab</i> gene ROX: <i>N</i> gene HEX : <i>RNase P</i> gene (Internal Control)	Nasal, Nasopharyngeal, Oropharyngeal swabs	SPEC. A (6018006402-CE) SPEC. B (6018006405-CE)
		100 copies/mL	25 mins			SPEC. A (6018007102-CE) SPEC. B (6018007105-CE)
SARS-CoV-2& Flu A&Flu B		200 copies/mL (SARS-CoV-2);	18 - 30 mins	FAM: <i>M</i> gene (Flu A) HEX: <i>NS</i> gene (Flu B) ROX: <i>ORF1ab</i> & <i>N</i> gene (SARS-CoV-2) Cy5: <i>RNase P</i> gene (Internal Control)	Nasal, Nasopharyngeal, Oropharyngeal swabs	SPEC. A (6018006802-CE) SPEC. B (6018006805-CE)
		500 copies/mL (FluA/FluB)				
		100 copies/mL (SARS-CoV-2);	Within 30 mins			SPEC. A (6018007202-CE) SPEC. B (6018007205-CE)
		500 copies/mL (FluA/FluB)				
Flu A&Flu B&RSV		500 copies/mL	20 - 35 mins	FAM: <i>M</i> gene (Flu A) HEX: <i>N</i> gene (RSV) ROX: <i>NS</i> gene (Flu B) Cy5: <i>RNase P</i> gene (Internal Control)	Oropharyngeal swabs	SPEC. A (6018011502-CE) SPEC. B (6018011505-CE)
		500 copies/mL				SPEC. A (6018011602-CE) SPEC. B (6018011605-CE)
RSV&MP&ADV		500 copies/mL	25 mins	FAM: <i>P1</i> gene (MP) HEX: <i>N</i> gene (RSV) ROX: <i>E2B</i> gene (ADV) Cy5: <i>Actin</i> gene (Internal Control)	Oropharyngeal swabs	SPEC. A (6018026302-CE) SPEC. B (6018026305-CE)
HMPV/HPIV/HRV		500 copies/mL	Within 35 mins	FAM: <i>VP4/VP2</i> gene (HRV) HEX: <i>N</i> gene (HMPV) ROX: <i>P</i> gene (HPIV) Cy5: <i>Actin</i> gene (Internal Control)	Oropharyngeal swabs	SPEC. A (6018032802-CE) SPEC. B (6018032805-CE)

^{*1} LyocartD : Without nucleic acid extraction
 LyocartE : With nucleic acid extraction

^{*2} SPEC. A: Sample buffer in sample chamber, sampling via direct swab
 SPEC. B: No sample buffer in sample chamber, sampling via VTM

WORKFLOW



Coyote Bioscience Co., Ltd.

H.O.: Building 22, Zone 3, Gaolizhang Road, Haidian District, Beijing 100095, China.
 Tel: +86 10 64844237 Email: sales@coyotebio.com

COYOTE
 Molecular Diagnostics For Everyone