

**FlashDetect™**

Flash10 is compatible with  
COYOTE® FlashDetect™  
All-in-One cartridge.



LyocartD

LyocartE



# COYOTE® FlashDetect™ Flash10

Fully Automated Rapid PCR System



NMPA

## Fully Automated Near-patient Testing System

- Result in **less than 25 minutes**
- Easy to operate
- Random access
- High sensitivity
- Fully automatic lab process of sample loading, magnetic beads sample prep and qPCR on a contamination-free cartridge

## All-in-One Cartridge Multiple targets testing

- **LoD 100 copies/mL\***
- Includes internal control
- Pre-loaded with lyophilized reagents
- **Contamination-free**
- Room temperature storage and transportation

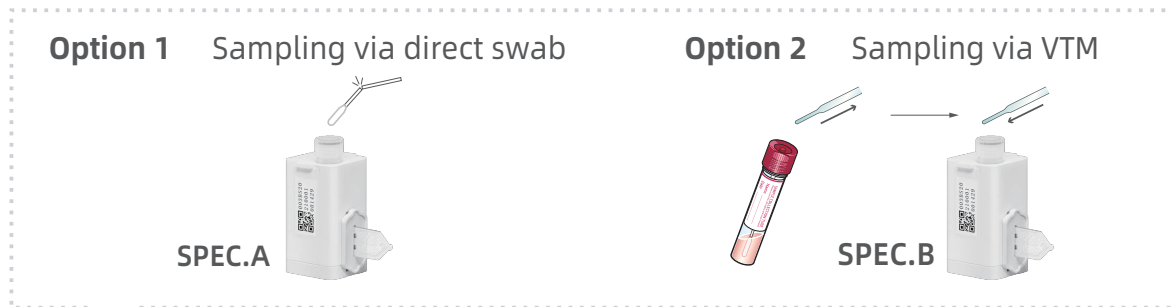
\* for SARS-CoV-2 sample

# TECHNICAL SPECIFICATIONS

|                      |                                   |
|----------------------|-----------------------------------|
| Model                | Flash10                           |
| Technology           | Real-time PCR                     |
| Throughput           | 4 random-access modules           |
| Fluorescence Channel | FAM, HEX, ROX, Cy5                |
| Dimensions           | 42.3 (L) * 28.6 (W) * 35.7 (H) cm |
| Weight               | 18.8 kg                           |



## WORKFLOW



Sample-in

**LyocartD**

15~20 mins with direct PCR.  
Optimal sensitivity with Coyote own-brand VTM.  
(LoD 200 copies/mL for SARS-CoV-2 test)

**LyocartE**

Less than 25 mins with whole process of sample purification and real time PCR.  
Compatible with universal VTM.  
(LoD 100 copies/mL for SARS-CoV-2 test)

## TEST MENU

| CE-IVD*                  | LyocartE |          | LyocartD      |          | RUO**                      | LyocartD |          |
|--------------------------|----------|----------|---------------|----------|----------------------------|----------|----------|
|                          | LyocartE | LyocartD | LyocartD      | LyocartD |                            | LyocartD | LyocartD |
| SARS-CoV-2               | ☑        | ☑        | HSV-1 & HSV-2 | ☑        | HPV 14 High risk genotypes | ☑        |          |
| SARS-CoV-2 & FluA & FluB | ☑        | ☑        | MG & TV & MH  | ☑        | Dengue                     | ☑        |          |
| FluA & FluB & RSV        |          | ☑        | NG & UU       | ☑        | MTHFR                      | ☑        |          |
| Strep A                  |          | ☑        |               |          |                            |          |          |

\*\*to be launched

The CE-IVD\* products in this brochure bear CE marking and are for In Vitro Diagnostic Use. The RUO\*\* products in this brochure are under development and for Research Use Only.

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