

FlashDetect™

Nano is compatible with Coyote® FlashDetect™ All-in-One cartridge.



LyocartD

LyocartE



COYOTE® FlashDetect™ Nano

Anytime

Anywhere

Anyone

Fully Automated

Fully Automated Near-patient Testing System

- Result in **10~20 minutes**
- Easy to operate
- High sensitivity
- Customizable assays
- Fully automatic lab process of sample loading, 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 | FlashDetect Nano | | | |
| Hands-on Time | Less than 1 minute / sample | | | |
| Time to Results | 10 - 25 minutes | | | |
| Throughput | 1 | | | |
| Fluorescence Channel | FAM | HEX | ROX | CY5 |
| Consumables | Coyote ready-to-use All-in-One cartridges | | | |
| Data Input | External / Internal barcode scanning / Manual input | | | |
| Display | 2.8" LCD screen, stand alone or operation with PC | | | |
| Operating Temperature | -10°C-50°C | | | |
| Temperature Accuracy | <0.5°C | | | |
| Connectivity | Bluetooth, Ethernet | | | |
| LIS System Connectivity | HL7 protocol or customized protocol | | | |
| Power Supply | 100 - 240 (+10%) V AC, 50/60 Hz, 1.5A or run with portable charger | | | |
| Dimensions | 12.5 (L) * 22 (W) * 29.5 (H) cm | | | |
| Weight | 4.4 kg | | | |

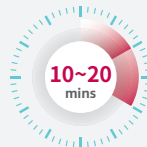
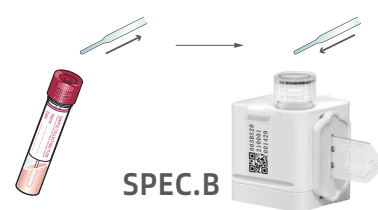


WORKFLOW

Option 1 Sampling via direct swab



Option 2 Sampling via VTM



LyocartD

10~20 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)

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