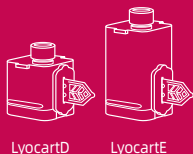


FlashDetect™

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



LyocartD

LyocartE



COYOTE® FlashDetect™ Nano

Anytime

Anywhere

Anyone

Fully Automated

CE IVD
NMPA

Fully Automated Near-patient Testing System

- Result in **10~30 minutes**
- Easy to operate
- High sensitivity
- Customizable assays
- Fully automated sample prep, PCR, and data interpretation
- Highly scalable up to 32 Nano

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 - 30 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

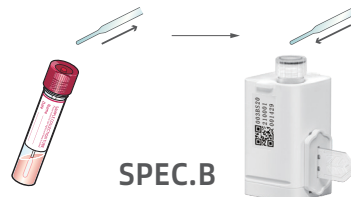
Option 1 Sampling via direct swab

SPEC.A

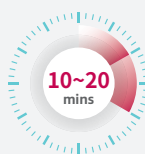


Option 2 Sampling via VTM

SPEC.B

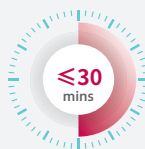


Sample-in



LyocartD

10~20 mins with direct PCR.
Optimal sensitivity with Coyote own-brand VTM.
(LoD 200 copies/mL for SARS-CoV-2 test)

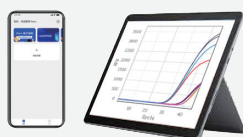


LyocartE

Less than 30 mins with whole process of sample purification and real time PCR.
Compatible with universal VTM.
(LoD 100 copies/mL for SARS-CoV-2 test)

Anytime, Anywhere, Anyone

Result Interpretation via APP on Phone or Tablet



18200 mAh Power Bank Support 5 Reactions



Portable PCR Lab in Backpack/Trolley bag



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