FlashDetect™

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

LyocartD LyocartE

COYOTE®
FlashDetect™ Nano

Anytime *Anywhere* *Anyone* *Fully Automated*

CE IVD

N M P A

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

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TECHNICAL SPECIFICATIONS

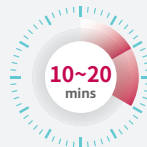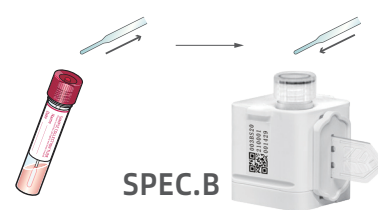| Model	FlashDetect Nano			
Hands-on Time	Less than 1 minute / sample			
Time to Results	10 - 25 minutes			
Throughput	1			
Fluorescence Channel	FAM	HEX	ROX	CY5
Consumables	Coyote ready-to-use All-in-One cartridges			
Data Input	External / Internal barcode scanning / Manual input			
Display	2.8" LCD screen, stand alone or operation with PC			
Operating Temperature	-10℃-50℃			
Temperature Accuracy	<0.5℃			
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

SPEC.A   SPEC.B

Sample-in

10~20 mins

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

≤25 mins

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
Molecular Diagnostics For Everyone