

FlashDetect™

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



LyocartD

LyocartE



COYOTE® FlashDetect™ Robo

Fully Automated High Throughput Rapid PCR Solution

Fully Automated Near-patient Testing System

- Result in **20~25 minutes**
- Easy to operate
- Random access
- **High throughput: up to 2300 tests/day**
- Fully automatic lab process of sample loading, magnetic beads sample prep and qPCR

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	Robo
Number of sample slots	16/32
Sample input slots	32
Positive sample recycling slots	32
Negative sample recycling slots	>64
Cooling and heating rate	≥8°C/s
Fluorescence channels	FAM, HEX, ROX, CY5
Dimensions	176 (L) * 95 (W) * 189 (H) cm

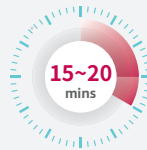
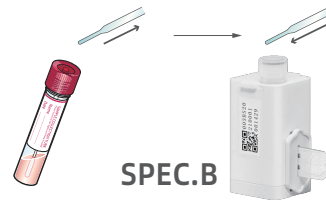


WORKFLOW

Option 1 Sampling via direct swab



Option 2 Sampling via VTM



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		LyocartD
SARS-CoV-2	☑	☑	HSV-1 & HSV-2	☑
SARS-CoV-2 & FluA & FluB	☑	☑	MG & TV & MH	☑
FluA & FluB & RSV		☑	NG & UU	☑
Strep A		☑		

*to be officially launched at June Y2023

RUO*

	LyocartD
HPV 14 High risk genotypes	☑
Dengue	☑
MTHFR	☑

*to be coming

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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