COYOTE

FlashDetect™ Antimicrobial Resistance

Compatible with FlashDetect™ Nano, Flash10





LyocartE

CE IVD

Antimicrobial Resistance (AMR) threatens the effectiveness of modern medicine, making common infections increasingly difficult to treat.

Coyote's molecular diagnostic technology enables fast and accurate detection of resistant pathogens at the point of care–empowering clinicians to act early, treat effectively, and prevent the spread of drug-resistant infections.

MRSA/SA

C. difficile

Carba-R

Vancomycin-resistant Enterococci (VRE)

All-in-One Cartridge

- **Simultaneous differentiation of multiple targets**
- Sample to result
- **LoD 500 copies/mL**
- Includes internal control
- Pre-loaded with lyophilized reagents
- Contamination-free
- Room temperature storage and transportation

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TECHNICAL SPECIFICATIONS

CE IVD

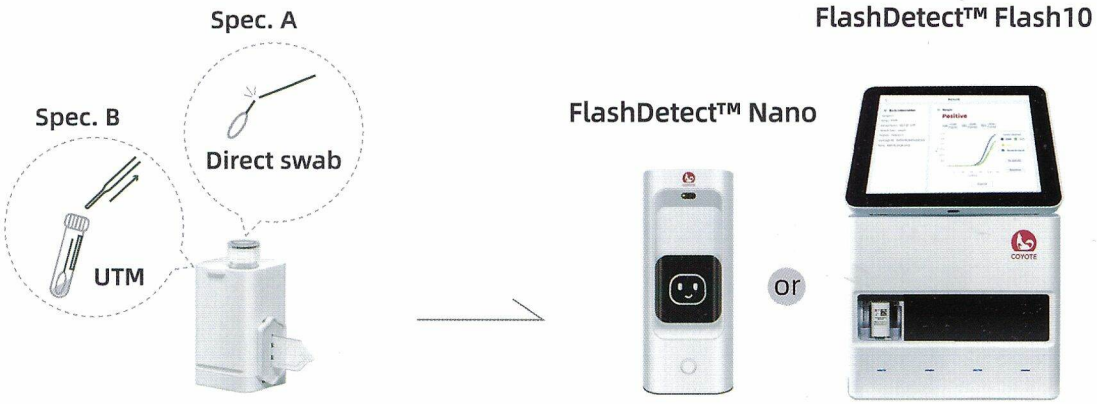
Method	Real-Time PCR
Compatible Instrument	LyocartE: FlashDetect™ Nano, Flash10
Storage Temperature	2-28℃
Pack Size	24 tests/kit

Product	Format*1	LoD	Detection Time	Analytes & Fluorescence Channel	Sample Type	Cat. No.*2
MRSA/SA		500 copies/mL	Within 45 mins	**FAM:** *spa* gene **ROX:** *SCCmec* gene **HEX:** *mecA/mecC* gene **Cy5:** *RNase P* gene (Internal Control)	Nasal, skin and soft tissue infection, swabs, and blood culture samples	SPEC. A (6018020402-CE) SPEC. B (6018020405-CE)
Carba-R		500 copies/mL	Within 35 mins	**Atto425:** *IMP gene* **FAM:** *VIM* gene **ROX:** *OXA-48* gene **HEX:** *KPC* gene **Cy5.5:** *NDM* gene **Cy5:** *RNase P* gene (Internal Control)	Rectal swab specimen	SPEC. A (6018021002-CE) SPEC. B (6018021005-CE)
C. difficile (Sonicator needed)		500 copies/mL	Within 35 mins	**FAM:** *ToxinB* gene **HEX:** *CDT* gene **ROX:** *tcdC* gene **Cy5:** *Actin* gene (Internal Control)	Stool sample	SPEC. B (6018022105-CE)
VRE (Vancomycin-resistant Enterococci)		to be launched in Q1 2026				

*1 LyocartE : With nucleic acid extraction

*2 SPEC. A: Sample buffer in sample chamber, sampling via direct swab
SPEC. B: No sample buffer in sample chamber, sampling via VTM/UTM

WORKFLOW



1 Collect sample with 2 options

2 Insert the cartridge and start 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

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Molecular Diagnostics For Everyone