

FlashDetect™

These products are compatible with COYOTE® FlashDetect™ Systems:
Nano, Flash10, Flash20.

**COYOTE® FlashDetect™****LyocartD** *Fast All-in-One PCR Detection for Sexually Transmitted Infections***NG&UU****MG&TV&MH****HSV-1&HSV-2****CT&NG&UU****All-in-One Cartridge
Multiple Targets Testing**

- **Multiplex test in one reaction**
- **20~30 mins sample to result**
- LoD 500 copies/mL
- Including internal control
- Ready-to-use lyophilized reagents
- **Contamination-free**
- Room temperature storage and transportation

**Fully Automated
Fast PCR Testing System**

- **Fully Automated:** sample prep + amplification + detection
- **Random Access:** independent modules for on-demand testing
- **Fully Enclosed System:** minimize risk of contamination
- **Easy to Use:** reduce hands-on time and operational cost
- **Scalable configuration:** up to 64 samples with Flash20
- **Small Footprint**

TECHNICAL SPECIFICATIONS

FlashDetect™ LyocartD NG&UU Assay



Analytes	<i>Neisseria gonorrhoeae</i> (NG), <i>Ureaplasma urealyticum</i> (UU), Internal Control (RNase P gene)		
Fluorescence Channel	ROX	HEX	CY5
	NG	UU	RNase P gene
LoD	500 copies/mL		
Detection Time	Nano	Flash10	Flash20
	20 mins	20 mins	30 mins
Sample Type	Vaginal/Endocervical swab, Urethral swab		
Compatible Instrument	FlashDetect™ Nano, Flash10, Flash20		
Storage Temperature	2-28 C		



FlashDetect™ LyocartD MG&TV&MH Assay



Analytes	<i>Mycoplasma genitalium</i> (MG), <i>Trichomonas vaginalis</i> (TV), <i>Mycoplasma hominis</i> (MH), Internal Control (RNase P gene)			
Fluorescence Channel	FAM	ROX	HEX	CY5
	MG	TV	MH	RNase P gene
LoD	500 copies/mL			
Detection Time	Nano	Flash10	Flash20	
	20 mins	20 mins	30 mins	
Sample Type	Vaginal/Endocervical swab, Urethral swab			
Compatible Instrument	FlashDetect™ Nano, Flash10, Flash20			
Storage Temperature	2-28 C			



FlashDetect™ LyocartD HSV-1&HSV-2 Assay



Analytes	<i>Herpes simplex virus type 1</i> (HSV-1), <i>Herpes simplex virus type 2</i> (HSV-2), Internal Control (RNase P gene)		
Fluorescence Channel	FAM	ROX	CY5
	HSV-1	HSV-2	RNase P gene
LoD	500 copies/mL		
Detection Time	Nano	Flash10	Flash20
	20 mins	20 mins	30 mins
Sample Type	Anogenital lesion swab		
Compatible Instrument	FlashDetect™ Nano, Flash10, Flash20		
Storage Temperature	2-28 C		



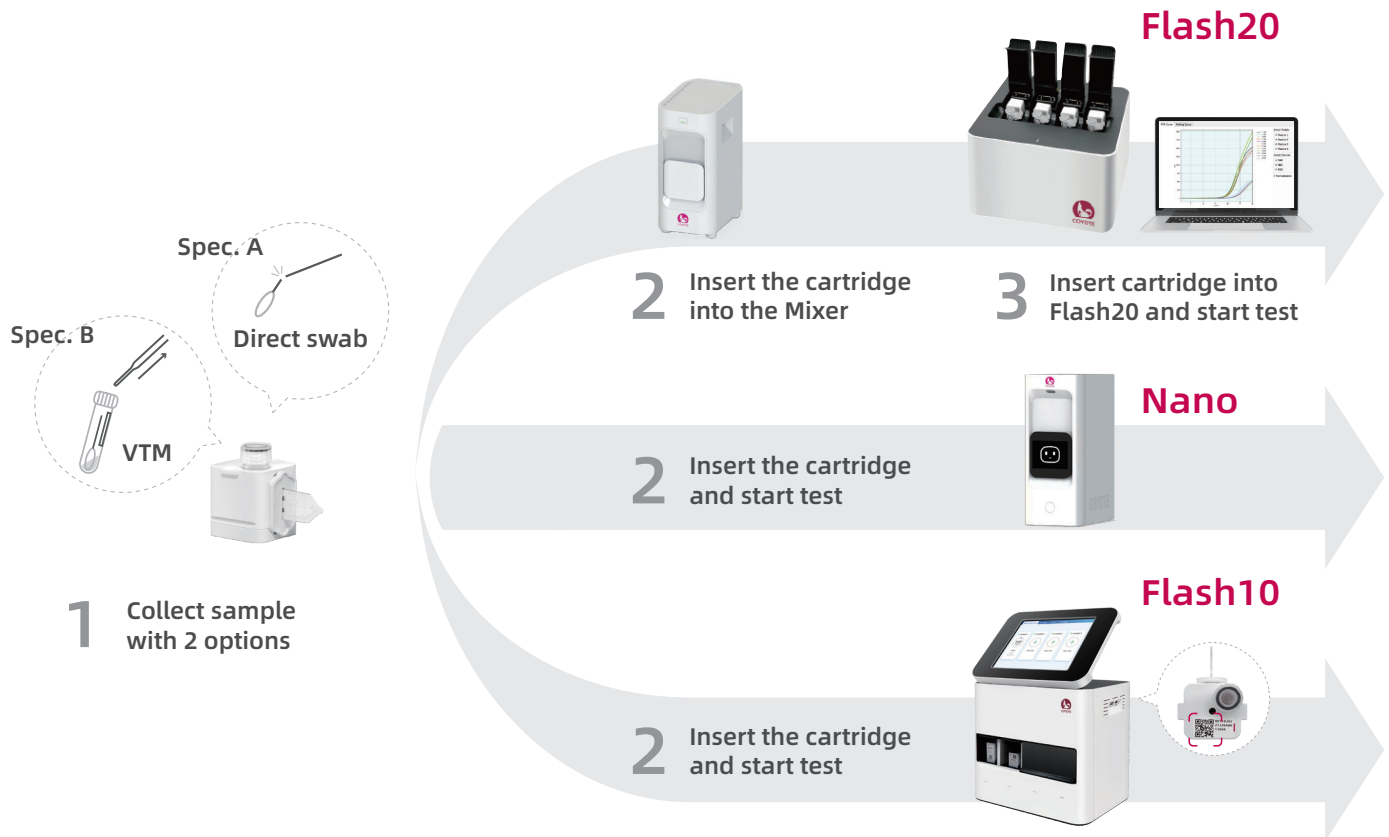
FlashDetect™ LyocartD CT&NG&UU Assay*

Analytes	<i>Chlamydia trachomatis</i> (CT), <i>Neisseria gonorrhoeae</i> (NG), <i>Ureaplasma urealyticum</i> (UU), Internal Control (RNase P gene)			
Fluorescence Channel	FAM	ROX	HEX	CY5
	CT	NG	UU	RNase P gene
LoD	500 copies/mL			
Detection Time	Nano	Flash10	Flash20	
	20 mins	20 mins	30 mins	
Sample Type	Vaginal/Endocervical swab, Urethral swab			
Compatible Instrument	FlashDetect™ Nano, Flash10, Flash20			
Storage Temperature	2-28 C			



*Available for both IVD and RUO use, IVD use could be country specific.

WORKFLOW



ORDERING INFORMATION

Compatible Instrument**

Model	Throughput	Dimensions (L x W x H)
FlashDetect™ Nano	1	12.5 x 22 x 29.5 cm
FlashDetect™ Flash10	4	42.3 x 28.6 x 35.7 cm
FlashDetect™ Flash20	4	30 x 30 x 20 cm

Cartridge

Product	Version	Sampling Method	Pack Size	Cat. #
FlashDetect™ LyocartD NG&UU Assay	SPEC. A	Sampling via direct swab	24 tests	6018011802-CE
	SPEC. B	Sampling via VTM	24 tests	6018011805-CE
FlashDetect™ LyocartD MG&TV&MH Assay	SPEC. A	Sampling via direct swab	24 tests	6018012302-CE
	SPEC. B	Sampling via VTM	24 tests	6018012305-CE
FlashDetect™ LyocartD HSV-1&HSV-2 Assay	SPEC. A	Sampling via direct swab	24 tests	6018012102-CE
	SPEC. B	Sampling via VTM	24 tests	6018012105-CE
FlashDetect™ LyocartD CT&NG&UU Assay	SPEC. A	Sampling via direct swab	24 tests	6018011802-EN
	SPEC. B	Sampling via VTM	24 tests	6018011805-EN
FlashDetect™ LyocartD CT&NG&UU Assay (RUO)	SPEC. A	Sampling via direct swab	24 tests	6018011802-R
	SPEC. B	Sampling via VTM	24 tests	6018011805-R

**Flash20: approved by CE-IVD and NMPA, for In Vitro Diagnostic use.
Flash10: approved by CE-IVD and NMPA, for In Vitro Diagnostic use.
Nano: for Research Use Only.

FlashDetect™ Matrix HIGH THROUGHPUT



Scalable with 4-16 Flash20 units



Flexible throughput for 16-64 samples per 30 minutes



Random access to different PCR assays



Centralized testing control and data audit in one system

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Molecular Diagnostics For Everyone