FlashDetect™
Sexually Transmitted Infections

Compatible with FlashDetect™
Nano, Flash10 and Flash20





Fast All-in-One PCR Detection for Sexually Transmitted Infections

LyocartD LyocartE

CE IVD

CT/NG
HSV1/HSV2

All-in-One Cartridge
Sample to Result

NG/UU
HSV1/HSV2/VZV

- **Multiplex test in one reaction**
- **18~30 mins** sample to result
- **LoD 200 copies/mL***
- Includes internal control

* Assays specific

MG/TV/MH

- Ready-to-use lyophilized reagents
- Contamination-free
- Room temperature storage and transportation

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TECHNICAL SPECIFICATIONS

CE IVD

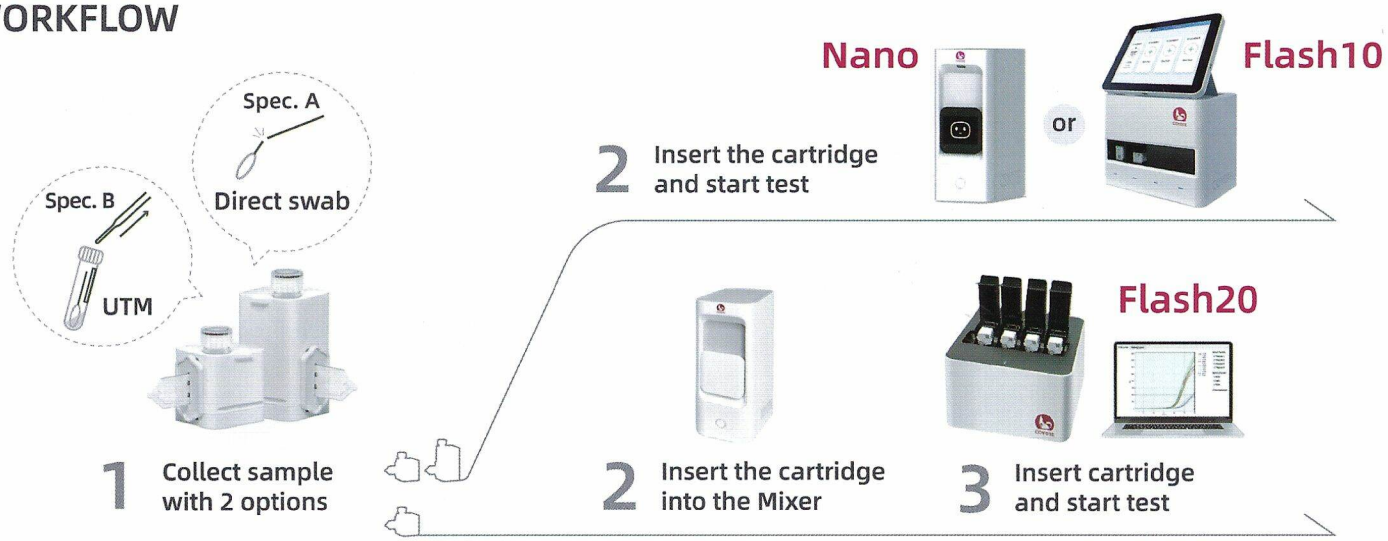
Method	Real-Time PCR
Compatible Instrument	LyocartD: FlashDetect™ Nano, Flash10 and Flash20 system LyocartE: FlashDetect™ Nano, Flash10 system
Storage Temperature	2-28℃
Pack Size	24 tests/kit

Product	Format*1	LoD	Detection Time	Analytes & Fluorescence Channel	Sample Type	Cat. No.*2
CT/NG (RUO)		500 copies/mL	18 mins	**FAM:** *cryptic plasmid* and *23s rRNA* gene (CT) **ROX:** *porA* and *IS110* family transposase gene (NG) **Cy5:** *RNase P* gene (Internal Control)	Vaginal/Endocervical swab, Urethral swab	SPEC. A (6018011802-R) SPEC. B (6018011805-R)
		200 copies/mL	28 mins		Female and male urine specimens, Vaginal swab specimens.	SPEC. A (6018034202-EN) SPEC. B (6018034205-EN)
NG/UU		500 copies/mL	18 mins	**ROX:** *porA* and *IS110* family transposase gene (NG) **HEX :** *23s rRNA* gene (UU) **Cy5:** *RNase P* gene (Internal Control)	Vaginal/Endocervical swab, Urethral swab.	SPEC. A (6018011802-CE) SPEC. B (6018011805-CE)
			28 mins			SPEC. A (6018011902-CE) SPEC. B (6018011905-CE)
MG/TV/MH		500 copies/mL	18 mins	**FAM:** *mgpC* gene (MG) **HEX:** *yidC* gene (MH) **ROX:** specific target region corresponds to GenBank Accession Number L23861.1 (TV) **Cy5:** *RNase P* gene (Internal Control)	Female and male urine specimens, Vaginal swab specimens.	SPEC. A (6018012302-CE) SPEC. B (6018012305-CE)
			28 mins			SPEC. A (6018012502-CE) SPEC. B (6018012505-CE)
HSV1/HSV2/VZV		500 copies/mL	30 mins	**FAM:** *US5* gene (HSV-1) **HEX:** *ORF62* gene (VZV) **ROX:** *Glycoprotein G* gene (HSV-2) **Cy5:** *RNaseP* gene (Internal Control)	Female and male urine specimens, Anogenital lesion swab specimens	SPEC. A (6018032102-CE) SPEC. B (6018032105-CE)
HSV1/HSV2		500 copies/mL	20 mins	**FAM:** *US5* gene (HSV-1) **ROX:** *Glycoprotein G* gene (HSV-2) **Cy5:** *RNaseP* gene (Internal Control)	Vaginal/Endocervical swab, Urethral swab	SPEC. A (6018012102-CE) SPEC. B (6018012105-CE)
			30 mins			SPEC. A (6018012202-CE) SPEC. B (6018012205-CE)

*1 LyocartD : Without nucleic acid extraction
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

WORKFLOW



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Molecular Diagnostics For Everyone