

FlashDetect™

Sexually Transmitted Infections

Compatible with FlashDetect™
Nano, Flash10 and Flash20



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

LyocartD

LyocartE



CT/NG/UU
HSV1/HSV2/VZV

MG/TV/MH
HSV1/HSV2

NG/UU

All-in-One Cartridge
Sample to Result

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

* Assays specific

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

TECHNICAL SPECIFICATIONS

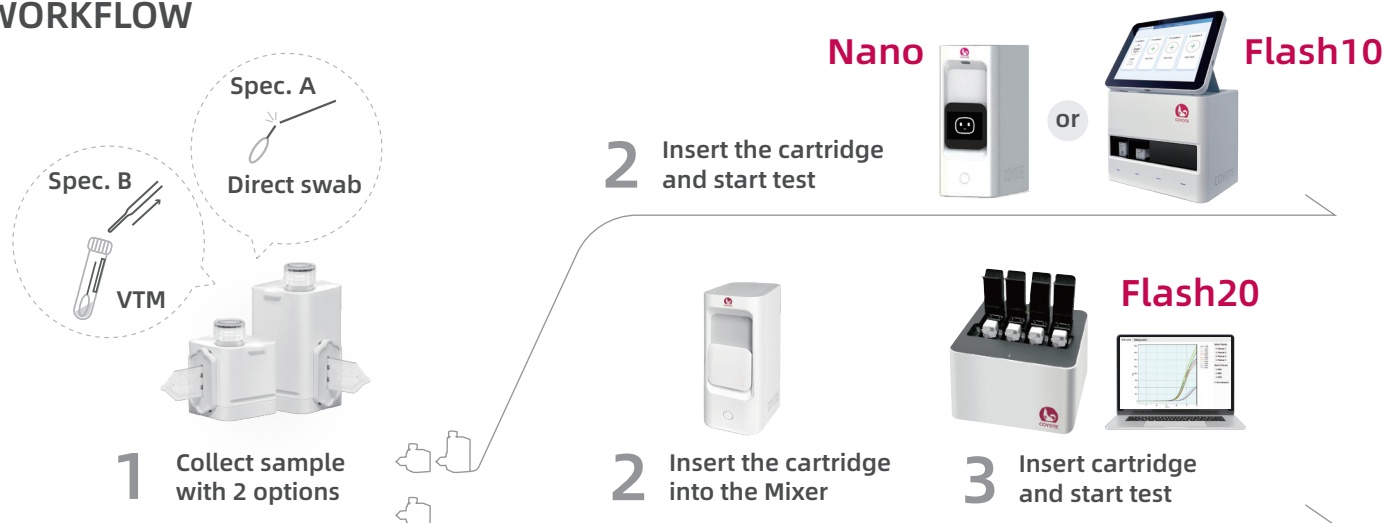


Method		Real-Time PCR				
Compatible Instrument		LyocartD: FlashDetect™ Nano, Flash10 and Flash20 system LyocartE: FlashDetect™ Nano, Flash10 system				
Storage Temperature		2-28 °C				
Pack Size		24 tests/kit				
Product	Format ^{*1}	LoD	Detection Time	Analytes & Fluorescence Channel	Sample Type	Cat. No. ^{*2}
CT/NG/UU (RUO)		500 copies/mL	18 mins	FAM: <i>cryptic plasmid</i> and <i>23s rRNA</i> gene (CT) ROX: <i>porA</i> and <i>IS110</i> family transposase gene (NG) HEX: <i>23s rRNA</i> gene (UU) Cy5: <i>RNase P</i> 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: <i>porA</i> and <i>IS110</i> family transposase gene (NG) HEX: <i>23s rRNA</i> gene (UU) Cy5: <i>RNase P</i> 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: <i>mgpC</i> gene (MG) HEX: <i>yidC</i> gene (MH) ROX: specific target region corresponds to GenBank Accession Number L23861.1 (TV) Cy5: <i>RNase P</i> gene (Internal Control)	Vaginal/Endocervical swab, Urethral swab	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: <i>US5</i> gene (HSV-1) HEX: <i>ORF62</i> gene (VZV) ROX: <i>Glycoprotein G</i> gene (HSV-2) Cy5: <i>RNaseP</i> gene (Internal Control)	Anogenital lesion swab specimens	SPEC. A (6018032102-CE) SPEC. B (6018032105-CE)
HSV1/HSV2		500 copies/mL	20 mins	FAM: <i>US5</i> gene (HSV-1) ROX: <i>Glycoprotein G</i> gene (HSV-2) Cy5: <i>RNaseP</i> 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