

STD DIRECT FLOW CHIP

**DNA
FLOW
TECHNOLOGY**

Molecular diagnostic kits based on
Multiplex PCR
and Macroarray Chip

STD DIRECT FLOW CHIP

Simultaneous detection of **11 STD-related pathogens**

including lymphogranuloma venereum serovars (L1-L3)

- ✓ Based on multiplex PCR and automatic hybridization onto a macroarray with specific oligo probes (STD-Chip, DNA-flow Technology)
- ✓ Allows direct PCR analysis of clinical specimens avoiding the DNA extraction step
- ✓ Clinical specimens validated: endocervical, urethral and perianal swabs, urine and semen
- ✓ Constitutes a unique and excellent cost-effective alternative to routine procedures in molecular diagnosis allowing the DNA detection of STD-related pathogens in less than 4 hours

B	MG			CT-S1		B
B		MH		CT-S2		
CI	TV		UU-P	MG		UU-P
BG		HD			MH	
	VHS-1	NG	B	TV		NG
		VHS-2		CI	HD	
	CT-S1		TP	BG	VHS-1	TP
		CT-S2			VHS-2	
						B

MG: Mycoplasma genitalium
 MH: Mycoplasma hominis
 TV: Trichomonas vaginalis
 UU-P: Ureaplasmas (urealyticum/parvum)
 HD: Haemophilus ducreyi
 VHS-1: Herpesvirus simplex type 1
 VHS-2: Herpesvirus simplex type 2
 TP: Treponema pallidum
 NG: Neisseria gonorrhoeae
 CT-S1 + CT-S2: Chlamydia trachomatis (Serovars A-K)
 CT-S2: Chlamydia trachomatis (Serovars L1-L3 = Lymphogranuloma venereum)

B: Hybridization control
 CI: Exogenous amplification control
 BG: Endogenous amplification control (β -globin human fragment)

References

Instrument	Tests	Reference
HS12	24 test	MAD-003938M-HS12
HS24	24 test	MAD-003938M-HS

Developed and manufactured by

 **master diagnóstica**

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