The first Simultaneous Single-tube

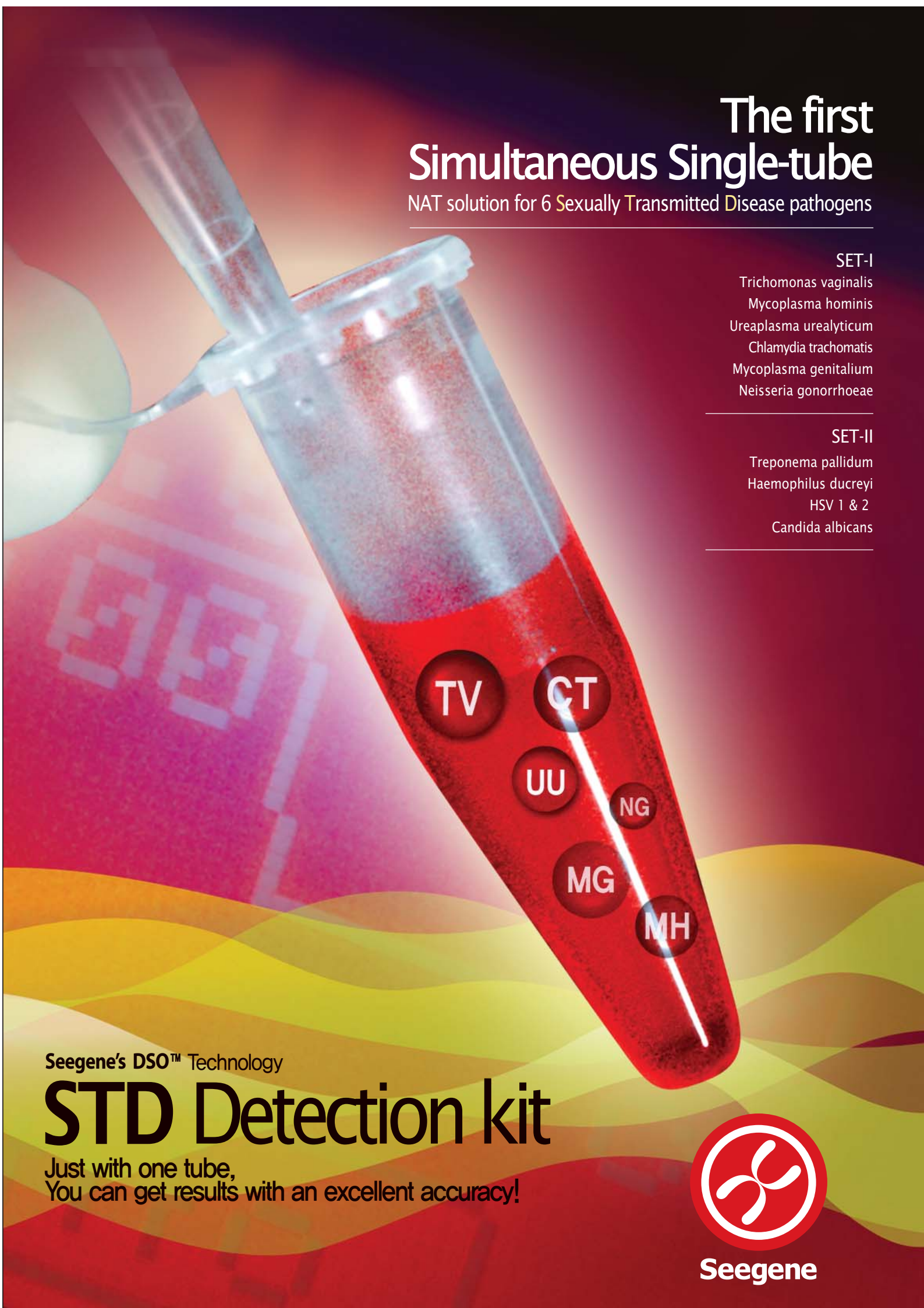
NAT solution for 6 Sexually Transmitted Disease pathogens

SET-I

Trichomonas vaginalis
Mycoplasma hominis
Ureaplasma urealyticum
Chlamydia trachomatis
Mycoplasma genitalium
Neisseria gonorrhoeae

SET-II

Treponema pallidum
Haemophilus ducreyi
HSV 1 & 2
Candida albicans

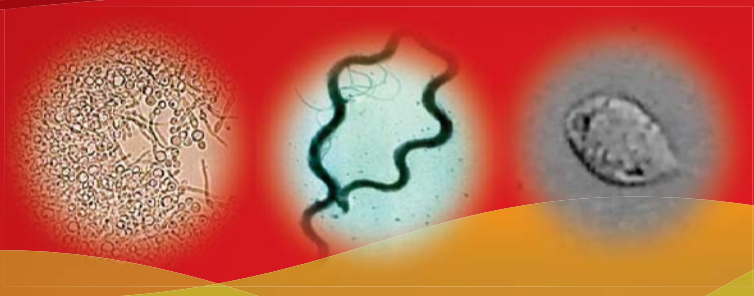


Seegene's DSO™ Technology

STD Detection kit

Just with one tube,
You can get results with an excellent accuracy!

Seegene



Today's premiere NAT solution

Simultaneous analysis of 6 pathogens at once

Infinitesimal amount of pathogens can be detected using PCR method.

PCR yields a higher sensitivity than conventional culture methods or IFA.
Infinitesimal amount of pathogens, therefore, may be analyzed.

6 different pathogens can be screened simultaneously using multiplex system.

Screening of 6 different viruses is possible by overcoming limitations of general PCR method.

Seegene's DSO™ technology is employed.

No false positives is created due to the superior features of Seegene's DSO™ primers.

4 additional features are strengthened.

Internal control, Contamination prevention system, positive control size marker, and positive control DNA are of focused features to enhance the quality of the kit.

Multiplex-PCR

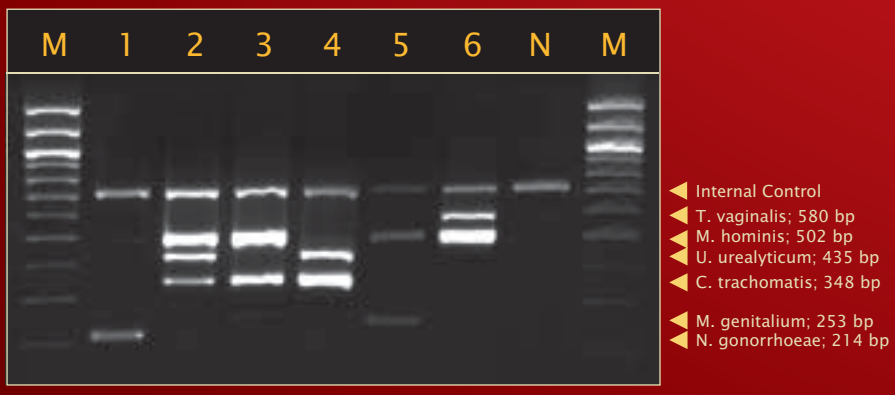
1) Cost-effective

Consumables and equipments such as tubes, tips, PCR machines, agarose, electrophoresis Bigger earnings due to all-in-one test on several pathogens

2) Efficient

Carryover contamination problem arising from repetitive experiments is resolved by reduced trials.

Detection of STD pathogens in clinical samples (Set-I).



M : 100bp ladder / 1 ~ 6 : Patient samples
N : Negative control

Sample No.	Pathogen
1	N. gonorrhoeae
2	M. hominis/ U. urealyticum/ C. trachomatis
3	M. hominis/ C. trachomatis
4	U. urealyticum/ C. trachomatis
5	M. hominis/M. genitalium
6	T. vaginalis/M. hominis

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