

# TANBead® Nucleic Acid Extraction Kit

## STIs DNA Extraction (6ST)

**TANBead® STIs DNA Kit** is a nucleic acid purification kit based on magnetic bead technology by using with corresponding TANBead® Nucleic Acid Extractor, which is suitable for extracting pathogens DNA especially for Sexually Transmitted infectious, such as *Chlamydia trachomatis* in human urine. The purified DNA can be used with any downstream application employing PCR-based qualitative, semi-quantitative and quantitative assays. The kit is intended for use by technicians, physicians, and biologists with well-trained in molecular biological techniques, the techniques of magnetic bead purification and *in vitro* diagnostic procedures.

Feature	Specification
Application	PCR-based HLA-typing and NGS analysis
Sample	300 µL of liquid specimens
Purification technology	Automation Magnetic beads
Operation Time	70 - 80 min

Table. Summary of STIs detection results

Sample type		Clinical specimen	
	Kit	6ST	61G
Target	<i>N. gonorrhoeae</i>	V (6/14)*	V (3/9)
	<i>C. trachomatis</i>	V (9/14)	V (3/9)
	<i>M. hominis</i>	V (1/14)	ND
	<i>T. vaginalis</i>	V (1/14)	ND
	<i>U. urealyticum</i>	V (1/14)	ND

\*(X/Y): X indicates the number of sample(s) which pathogen was detected, Y represents total sample number

**Additionally, 6ST kit can be employed in the DNA extraction of wider range of pathogens related to STI compared to 61G.**



Sample Description	Test	Instrument	Reference No.	Ordering No. (IVD)
STIs DNA Auto Plate	96	M4800 series	M6STA46	301593
STIs DNA Auto Tube	96	M4800 series	M6STS46	301594
STIs DNA Auto Plate	96	M9600 series	W6STA46	301595
STIs DNA Auto Tube	72	M9600 series	W6STS66	301596



### Rapid

Highly efficient, convenient and time-saving



### Efficacy

Provide choices for different sample inputs, such as 48, 96 tests per run



### Quality

High-quality DNA suitable for PCR, qPCR, Sequencing



### Comprehensive

Not limited to any specific disorder, condition



TANBEAD



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