

Sexually transmitted infections Nucleic Acid Detection Kit

Sexually transmitted infections (STIs) have long been an underestimated opponent in the public health battle. The four most common pathogens that cause STIs include Chlamydia Trachomatis (CT), Neisseria Gonorrhoeae (NG), Ureaplasma Urealyticum (UU), Human Papillomavirus (HPV). The sexually transmitted infections (STIs) kits developed by Tianlong are intended for the auxiliary diagnosis of CT, NG, UU, HPV. The detection can help to reduce bad health consequences such as cervicitis, pelvic inflammation diseases (PID), urethritis and cervical cancer that consequently lead to female and male infertility, ectopic pregnancy, preterm birth, and other adverse outcomes.

Features



High precision
Coefficient of variation (CV%) of Ct value ≤5%



High sensitivity
The detection limit is 500copies/ml



More accurate
Collocating with Tianlong extraction reagent makes your experiment results more accurate



Time-saving
CT/NG/UU could test in the same PCR procedure



Wide targets
Detection of 18 high-risk HPV types, specifically identifies types HPV 16 and HPV 18



Sexually active adolescents

Cervicitis, pelvic inflammation diseases (PID), urethritis are common in sexually active adolescents



Infertile male and female

Reproductive tract infections can cause infertility in male and female



Pregnant women

Early detection can avoid ectopic pregnancy, preterm birth, spontaneous abortion

Ordering Information

Product Name	Chlamydia Trachomatis (CT) Nucleic Acid Detection Kit (Fluorescence PCR method)	Neisseria Gonorrhoeae (NG) Nucleic Acid Detection Kit (Fluorescence PCR method)	Ureaplasma Urealyticum (UU) Nucleic Acid Detection Kit (Fluorescence PCR method)	Human Papillomavirus (HPV) Nucleic Acid Detection Kit (Fluorescence PCR method)
Cat.No	P103H	P104H/P180H	P105H/P178H	P120H
Targets	Chlamydia Trachomatis (CT)	Neisseria Gonorrhoeae (NG)	Ureaplasma Urealyticum (UU)	*Individual genotype reporting of HPV types 16,18 *Concurrently detects remaining 16 HPV genotypes 26,31,33,35,39,45,51,52,53,56,58,59,66,68,73 and 82
Specification	32T/kit	32T/kit, 96T/kit		32T/kit
Specimen	Female cervical swab specimens, Male urethral swab specimens			Female cervical epithelial cells
Type of Analysis	Qualitative			
Storage and Validity	-25°C~-15°C for 12 months			
Applicable Equipment	Instruments with FAM and HEX/VIC channels, such as ABI7500 real time PCR systems, TL988-IV, Gentier series real time PCR systems		Instruments with FAM、HEX/VIC、CY5 and TEXAS RED/ROX channels, such as ABI7500 real time PCR systems, TL988-IV, -Gentier series real time PCR systems	

