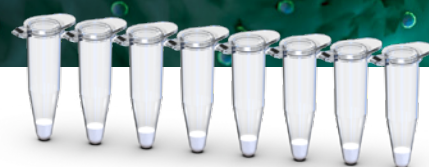


WizDx™ CrystalMix

# CT/NG

*Chlamydia trachomatis*  
*Neisseria Gonorrhoeae*

- High Sensitivity & Specificity
- Room temperature Storage/Shipping
- Ready-to-use Lyophilized PCR Kit



## Key Features of CrystalMix CT/NG Kit



### Anti-Carryover Technology

Prevents cross-contamination



### Hot-Start PCR Technology

Minimizes non-specific PCR reactions and increases specificity



### Enhanced-stability technology

Sustains long-term storage at room temperature



### Automated dispensing system

Maximizes reproducibility and minimizes experimental errors



### Ready-to-use, Freeze-dried form

Allows convenient storage and minimal experimental process

## High Sensitive

Limit of detection (LoD) is 0.5 copy/ $\mu$ L

## Perfect Reproducibility

WizDx™ CrystalMix CT/NG kits are precisely dispensed by fully automated dispensers in facilities certified with ISO13485 and GMP. They are supplied in lyophilized form with a single test quantity, so all kits deliver exactly the same results.

## Prevent Carryover-contamination

WizDx™ CrystalMix CT/NG kit contains Uracil-DNA glycosylase (UDG) and dUTPs eliminating possible carryover contamination.

## High Specificity

Accurate inspection is possible through the specific probe design for the cryptic gene region of *Chlamydia Trachomatis* or the Opa gene region of *Neisseria Gonorrhoea*.

## Easy & Accurate

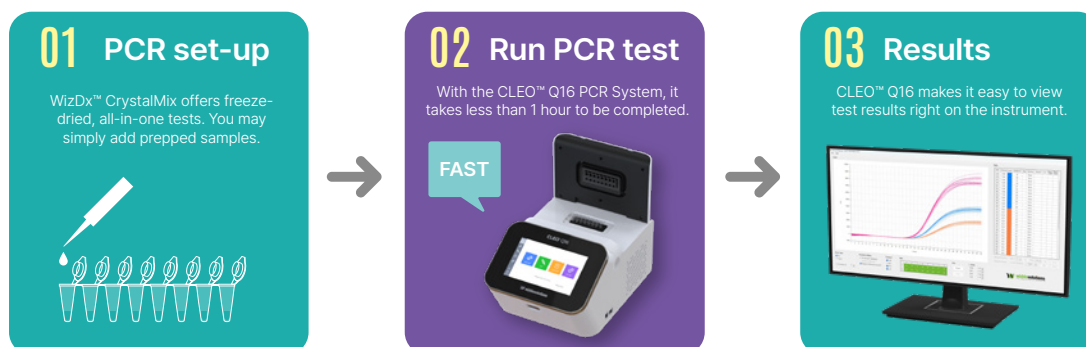
Lyophilized PCR kits are very convenient to use because you can test immediately with the addition of sample DNA only, and provide more accurate results because you can drastically reduce experimental errors or contamination that may occur during the preparation process.

## Convenience & Stable

Wizbiosolution's patented HNC(Heteromorphic Nanopolymer Coating) technology applied for WizDx™ CrystalMix PCR Kit enables the reagents stored and transported at room temperature with the benefits of user-convenience and stabilization.



## Easy & Fast Molecular Diagnosis



## Specifications

<b>Principle of Procedure</b>	Real-time PCR
<b>Target</b>	FAM for <i>Neisseria Gonorrhoeae</i> , HEX for <i>Chlamydia trachomatis</i> , Cy5 for Control
<b>Tests for Package</b>	96 Tests/kit
<b>Reagent Type</b>	Lyophilized (Freeze-dried) in PCR tube
<b>Limit of Detection (LoD)</b>	<i>Chlamydia trachomatis</i> : 0.5 copies/μL, <i>Neisseria Gonorrhoeae</i> : 0.5 copies/μL
<b>Precision</b>	Respectively detect the reference specimen of high and low concentrations in different time ranges-10 times, and the precision values of intra-assay and inter-assay Ct values were all <1.5%.
<b>Specificity</b>	For analytical specificity, cross-reactivity was evaluated by testing related pathogens and microorganisms that are likely to be present in the cervical, vaginal, and genital. The test was repeated three times and showed no cross-reactivity.
<b>Sample Types</b>	Vaginal swabs or urine specimens
<b>Shipping/Storage</b>	Shipping and Storage at room temperature for 12 months
<b>Compatible Instruments</b>	CLEO™ Q16 (Wizbiosolutions), CFX96 (Bio-Rad), QuantStudio™ 5 (ThermoFisher)

## Ordering Information

Cat No.	Product	Package Size
DX1229	WizDx™ CrystalMix CT/NG	96 T
CL0016	CLEO™ Q16 Real-time PCR system	1 set

MFDS License No. IVD-23-675

