

WizDx™ CrystalMix

MG/TV

Mycoplasma genitalium
Trichomonas vaginalis

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



Key Features of CrystalMix MG/TV 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 1.0 copy/μL

Perfect Reproducibility

WizDx™ CrystalMix MG/TV 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 MG/TV 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 *mgpA* gene region of *Mycoplasma genitalium* or the Beta-tubulin gene region of *Trichomonas vaginalis*.

Easy & Accurate

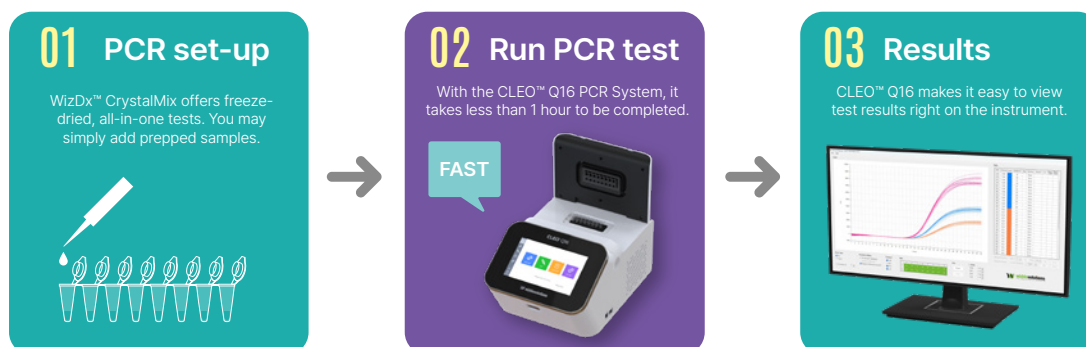
Lyophilized PCR kits are very convenient to use because you can test immediately with the addition of sample DNA only, and provide more accurate results because you can drastically reduce experimental errors or contamination that may occur during the preparation process.

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

Principle of Procedure	Real-time PCR
Target	FAM for <i>Mycoplasma genitalium</i> , HEX for <i>Trichomonas vaginalis</i> , Cy5 for Control
Tests for Package	96 Tests/kit
Reagent Type	Lyophilized (Freeze-dried) in PCR tube
Limit of Detection (LoD)	<i>Mycoplasma genitalium</i> : 1.0 copies/μL, <i>Trichomonas vaginalis</i> : 1.0 copies/μL
Precision	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%.
Specificity	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.
Sample Types	Vaginal swabs or urine specimens
Shipping/Storage	Shipping and Storage at room temperature for 12 months
Compatible Instruments	CLEO™ Q16 (Wizbiosolutions), CFX96 (Bio-Rad), QuantStudio™ 5 (ThermoFisher)

Ordering Information

Cat No.	Product	Package Size
DX1233	WizDx™ CrystalMix MG/TV	96 T
CL0016	CLEO™ Q16 Real-time PCR system	1 set

MFDS License No. IVD-23-909

