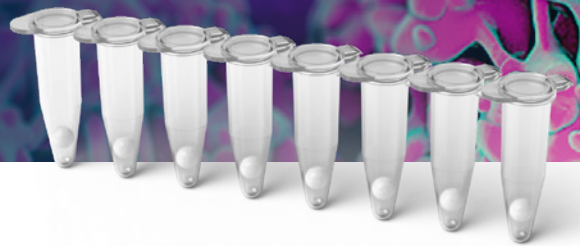


WizDx™ CrystalMix

# HPV 16/18

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



## Key Features of CrystalMix HPV 16/18 Kit



### Anti-Carryover Technology

CrystalMix contains uracil-DNA glycosylase (UNG) and dUTPs reducing possible carryover contamination



### Enhanced-stability technology

Sustains long-term storage at room temperature



### Automated dispensing system

Maximizes reproducibility and minimizes experimental errors



### Hot-Start PCR Technology

Minimizes non-specific PCR reactions and increases specificity



### 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 HPV 16/18 kits are precisely dispensed by fully automated dispensers in facilities certified with ISO13485 and GMP. They are supplied in lyophilized form with single test quantity, so all kits deliver exactly the same results.

## Prevent Carryover-contamination

WizDx™ CrystalMix HPV 16/18 kit contains Uracil-DNA glycosylase (UDG) and dUTPs eliminating possible carryover contamination.

## High Specificity

Accurate inspection is possible through the specific probe design for HPV 16/18.

## 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 HPV 16, HEX for HPV 18, Cy5 for the internal 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> | 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 <2%.                                       |
| <b>Specificity</b>              | <ul style="list-style-type: none"> <li>Analytical specificity : 100 %</li> <li>Clinical Sensitivity : #16 (92.37%), #18 (95.00%), #HR (91.63%)</li> <li>Clinical Specificity : #16 (99.48%), #18 (99.70%), #HR (96.59%)</li> </ul> |
| <b>Sample Types</b>             | Cervical, Vaginal, Genital 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 |
|---------|--------------------------------|--------------|
| DX1224  | WizDx™ CrystalMix HPV 16/18    | 96 T         |
| CL0016  | CLEO™ Q16 Real-time PCR system | 1 set        |

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