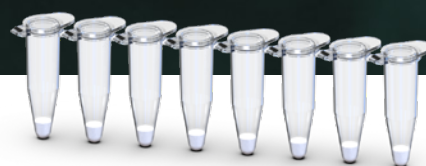


WizDx™

SARS-CoV-2/Flu

CrystalMix PCR Kit

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



Key Features of SARS-CoV-2/Flu CrystalMix PCR 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

LoD of RdRp gene and N gene of SARS-CoV-2 were 100 copies/rxn. LoD of Influenza A and B virus were 100 copies/rxn.

High Specificity

Accurate inspection is possible through the specific probe design for the SARS-CoV-2 virus, Influenza A virus, and Influenza B virus.

Convenience & Stable

Wizbiosolution's patented HNC (Heteromorphic Nanopolymer Coating) technology applied for WizDx™ SARS-CoV-2/Flu CrystalMix PCR Kit enables the reagents stored and transported at room temperature with the benefits of user-convenience and stabilization.

Easy & Accurate

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

Perfect Reproducibility

WizDx™ SARS-CoV-2/Flu CrystalMix PCR 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.



Easy & Fast Molecular Diagnosis



Specifications

Principle of Procedure	Real-time PCR
Target	FAM for SARS-CoV-2 RdRp gene, HEX SARS-CoV-2 RdRp gene, Texas Red for Influenza A/B, Cy5 for Control
Tests for Package	96 Tests/kit
Reagent Type	Lyophilized (Freeze-dried) in PCR tube
Limit of Detection (LoD)	SARS-CoV-2 is 100 copies/rxn, Influenza A/B is 100 copies/rxn
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 <1.0%.
Specificity	Analytical specificity was evaluated for cross-reactivity by examining relevant pathogens and microorganisms likely to be present in the respiratory tract. The test was repeated three times and showed no cross-reactivity.
Sample Types	Sputum, oropharyngeal swab, and nasopharyngeal swab samples
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
DX1220	WizDx™ SARS-CoV-2/Flu CrystalMix PCR Kit	96 T
CL0016	CLEO™ Q16 Real-time PCR system	1 system

MFDS License No. IVD-22-856

