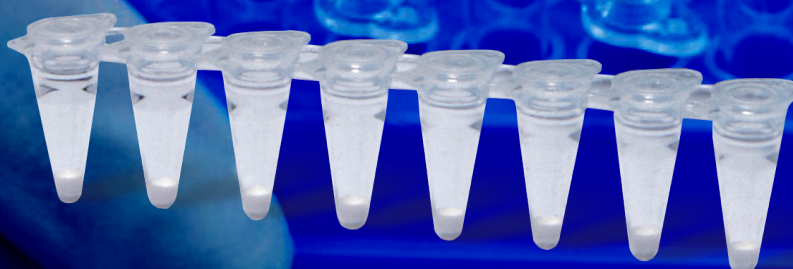


# CrystalMix™

## Freeze-Dried Real-time PCR Diagnostic Kits



- High Sensitivity & Specificity
- Room Temperature Storage
- Ready-to-use Lyophilized PCR Kit



Fast (30 min.)



Accurate



Lyophilized  
All-in-One



Room temp.  
Storage/Shipping



No need PCR  
preparation step



Reduced human error  
Prevent contamination

### WizDx™ CrystalMix PCR Kits

By applying innovative freeze-drying technology, it can be stored and distributed for 12 months at room temperature. All the PCR elements are included in one tube for easy and quick molecular diagnosis with accuracy.

# Next-generation Point-of-Care Molecular Diagnostic Technology



## What is Freeze-drying ?

Freeze-drying (lyophilization) is the process of removing water from a product to the point where it is no longer biologically or chemically active. Freeze drying assay prevents degradation of components such as enzymes, antibodies, proteins, DNA or oligonucleotides, allowing them to be safely transported and stored at room temperature with no loss in performance. The Freeze-drying process is technically complex and requires significant expertise to achieve consistent and reliable results. It is essentially comprised of three steps:

- ❶ Freezing : Solidification of an PCR mix.
- ❷ Primary drying : Low-temperature water-removal by sublimation.
- ❸ Secondary drying : Desorption of residual water.

## CrystalMix™ PCR Kit

WizDx™ CrystalMix PCR Kit is a freeze-dried type that contains all components for real-time RT-PCR such as Reverse transcription and PCR enzymes, virus specific primers and probes. So without the need to prepare the PCR mixture, WizDx™ CrystalMix PCR makes it easier and simpler to process the reaction. And it can provide advantages including lower risk of contamination, human error, and higher reproducibility.



PCR enzyme  
Primer  
Probe  
Buffer  
Stabilizer

## GMP & ISO13845 Certified

WizDx™ CrystalMix PCR kits are subjected to strict quality control with manufacturing control procedure ISO13485:2016 for the highest quality diagnostic products supply.



# Simple, Fast, Accurate

## Key Features of WizDx™ 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



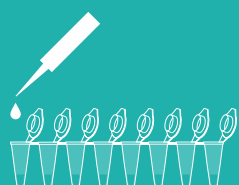
### Ready-to-use, dried form

Allows convenient storage and minimal experimental process

## Easy & Fast Molecular Diagnosis

### 01. PCR set-up

WizDx™ CrystalMix offers freeze-dried, all-in-one tests. You may simply add prepped samples.



### 02. Run PCR test

With the CLEO™ Q16 PCR System, it takes less than 1 hour to be completed.

FAST



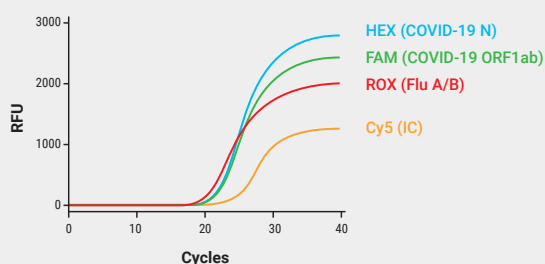
### 03. Results

CLEO™ Q16 makes it easy to view test results right on the instrument.

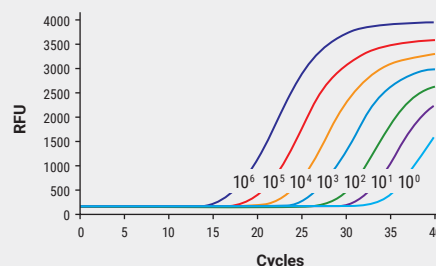


## High sensitivity and Accurate Results

### Multiplex Assay



### High Sensitivity





## Ordering Information

Cat No.	Product	Package Size	Certification
DX1200	WizDx™ <b>COVID-19</b> Real-time PCR Kit	100 T	CE IVD KFDA
DX1202A	WizDx™ <b>COVID-19</b> CrystalMix PCR Kit	48 T	CE IVD KFDA
DX1203A	WizDx™ <b>COVID-19</b> CrystalMix Multi PCR Kit	96 T	CE IVD KFDA
DX1210A	WizDx™ <b>Influenza A/B</b> CrystalMix PCR Kit	96 T	CE IVD KFDA
DX1119	WizDx™ <b>Adenovirus</b> CrystalMix PCR Kit	96 T	CE IVD KFDA
DX1211	WizDx™ <b>RSV</b> CrystalMix PCR Kit	96 T	CE IVD KFDA
DX1137	WizDx™ <b>ZIKV</b> CrystalMix PCR Kit	96 T	CE IVD KFDA
DX1205	WizDx™ <b>SARS-CoV-2</b> CrystalMix PCR Kit	96 T	CE IVD
DX1220	WizDx™ <b>SARS-CoV-2/Flu</b> CrystalMix PCR Kit	96T	CE IVD
DX1221	WizDx™ CrystalMix <b>MTB/MDR</b>	48 T	IVD
DX1222	WizDx™ CrystalMix <b>Monkeypox</b>	96 T	IVD



### Upcoming Product List

Malaria	HBV	Sexually transmitted diseases
Dengue virus	HCV	Respiratory infectious diseases
Chikungunya virus	HIV	



www.wizbiosolution.com

ISO13485:2016, GMP certified

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