

WizDx™ CrystalMix

Malaria

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



Key Features of CrystalMix Malaria 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/μL

High Specificity

The specific probe design for *Plasmodium* spp. enables accurate inspection.

Perfect Reproducibility

WizDx™ CrystalMix Malaria 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.

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.

Prevent Carryover-contamination

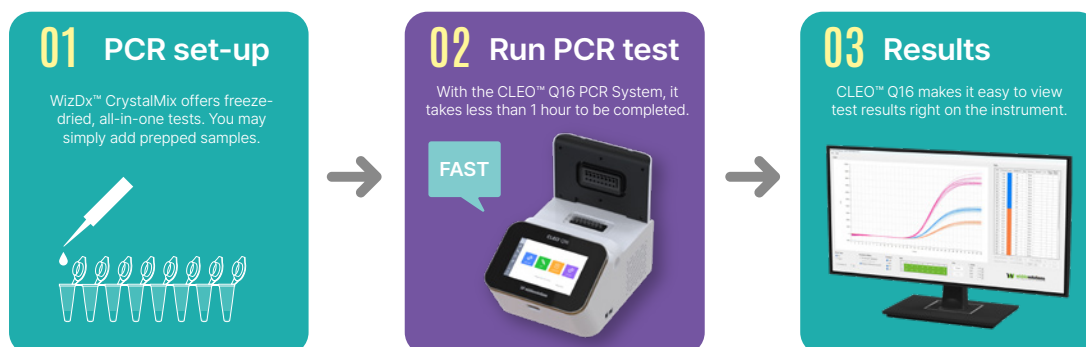
WizDx™ CrystalMix Malaria kit contains Uracil-DNA glycosylase (UDG) and dUTPs eliminating possible carryover contamination.

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 the sample, CY5 for ther internal control
Tests for Package	96 Tests/kit
Reagent Type	Lyophilized (Freeze-dried) in PCR tube
Limit of Detection (LoD)	5 copy/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 <5%.
Specificity	No cross-reactivity of the assay was observed with Dengue virus, Chikungunya virus, Japanese Encephalitis virus, Measles virus, Human Adenovirus, Respiratory syncytial virus, SARS-CoV-2, Influenza A, Zika virus, and Measles virus.
Sample Types	Human blood
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
DX1225	WizDx™ CrystalMix Malaria	96 T
CL0016	CLEO™ Q16 Real-time PCR system	1 set

MFDS License No. IVD-23-774

