Simple yet superior PCR-based detection of Malaria

US reported its first locally acquired malaria cases in two decades. Recent cases in the US and Europe underscore a critical global health challenge. Pathogen identification is vital, especially when differentiating deadly species like *P. falciparum* and *P. vivax* to improve patient outcomes.

The BioGX Research Use Only real-time PCR assay supports rapid detection of *Plasmodium falciparum, Plasmodium vivax*, and *Plasmodium* species. The assay is available in formats that support a variety of PCR instruments including BD MAX™, Bio-Rad CFX™, QuantStudio™, and pixl™ real-time PCR platform.

BioGX Sample-Ready™ Open System Reagent with the BD MAX™ System offers superior diagnostic sensitivity, achieving a limit of detection (LoD) of 0.0001%* parasitemia for *Plasmodium falciparum, P. malariae, P. ovale,* and *P. vivax*. This makes the assay 100 times more sensitive than the current gold standard, microscopic blood smear examination*.

Advantages of BioGX Malaria Assay

READY-TO-USE:
Sample-Ready™ lyophilized reagents

STREAMLINED WORKFLOW:
Minimal hands-on time and reporting in 2 hours

RAPID DIFFERENTIATION:
Immediate species identification

VERSATILITY:
Compatible with major platforms (ThermoFisher-ABI, QuantStudio™ Series, Bio-Rad CFX Series, and BD MAX™ system)

* Lima A, Gonzalez-Ferrer S, Kwon S, garner O.B, Yang S; Validation of a Semiquantitative Real-Time PCR Assay for Malaria Diagnosis and Treatment Monitoring, The Journal of Molecular Diagnostics, 2026

BioGX lyophilized Sample-Ready™
Plasmodium spp., P. falciparum, P. vivax Multiplex Assay.
BioGX REF 450-032-Series

sales@biogx.com
www.biogx.com