

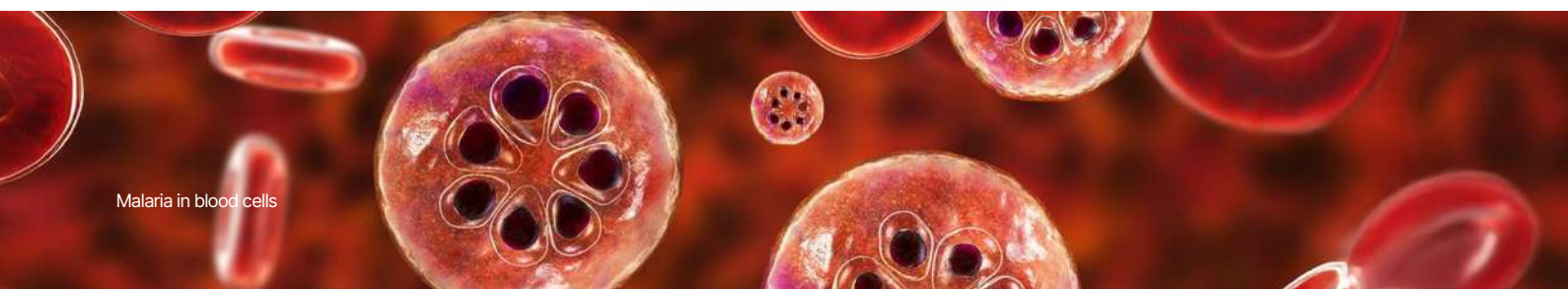


# Truenat<sup>®</sup> Malaria Pv/Pf

Chip-based Real-Time Duplex PCR Test for  
*Plasmodium vivax* and *Plasmodium falciparum*



CE



Malaria in blood cells

# Malaria Elimination Demands Precision

Despite decades of progress, malaria still claims over 600,000 lives each year. As regions like Asia move into elimination mode, the challenge now lies in finding and treating hidden infections—those that are low-density, asymptomatic, and often missed by traditional tests.



## GLOBAL MALARIA STATISTICS

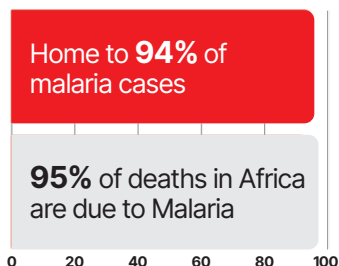


+ Estimated cases  
**263 million**



— Estimated deaths  
**597,000**

### WHO African Region



Children under 5 years of age accounted for **76% of all malaria deaths** in the region.

(\*WHO World Malaria Report, 2023)

## THE LIMITATIONS OF TRADITIONAL DIAGNOSTICS

Conventional tools like microscopy and RDTs struggle to meet the evolving demands of malaria elimination.

Microscopy misses infections below 100 parasites/ $\mu$ L and requires specialized personnel.

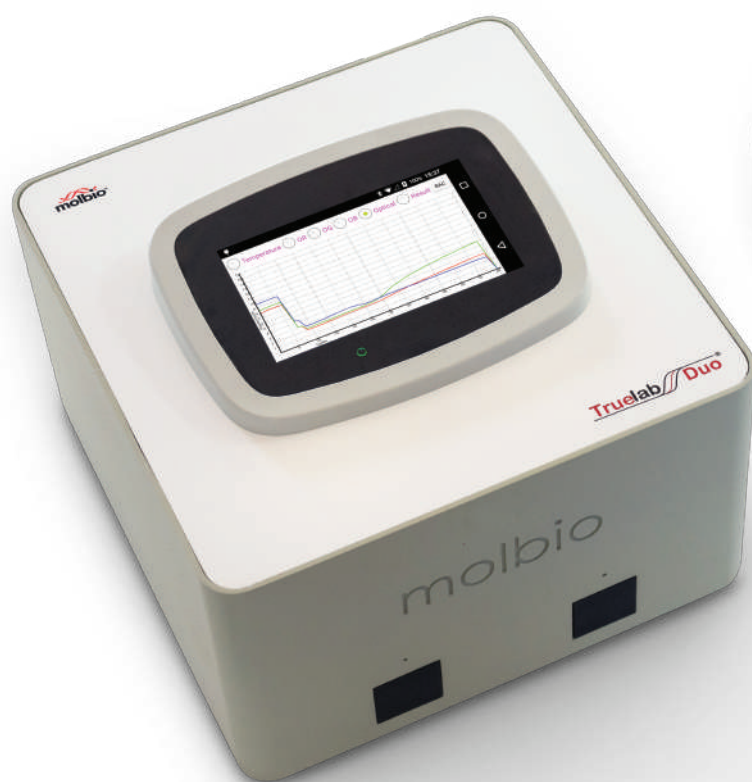
RDTs, especially HRP2-based, deliver false negatives in regions with HRP2/3 gene deletions.

Species misidentification or missed mixed infections result in delayed or inappropriate treatment.

PCR-based molecular testing delivers high sensitivity, enabling early detection of low-level infections, critical for timely intervention in regions with ongoing transmission.

# SCREENING AND DIAGNOSIS OF MALARIA WITH **Truenat**® Malaria Pv/Pf

Truenat® is a WHO-endorsed, fully automated, battery-operated real-time PCR platform enabling rapid screening and detection of over 40 diseases—including malaria—at the point of care.



## Truenat® Malaria Pv/Pf Assay

Delivering rapid, accurate, and actionable malaria diagnosis at the point of care, the Truenat® Malaria Pv/Pf Assay is a chip-based, real-time PCR test that simultaneously detects *Plasmodium vivax* and *Plasmodium falciparum* in blood samples.

The Truenat® Malaria Pv/Pf assay brings lab-grade accuracy to decentralized settings through portable, multiplex real-time PCR, ensuring no infection is left behind. **By detecting hidden reservoirs, it supports smarter, faster public health responses:**

- Detection of *P. falciparum* and *P. vivax* in a single test
- Sensitive, detecting cases well below microscopy and outperforming most RDTs
- Reliable detection irrespective of HRP2 deletion status

From febrile cases in endemic zones to submicroscopic surveillance in elimination geographies, Truenat is not just a test—it's a strategy.

**Truenat® — Advancing  
Malaria Control. Enabling Elimination.**

# KEY FEATURES



## User-friendly

Requires minimal human resource training



## Quantitative report for parasitic load



## Single-use disposable consumables



## Lyophilized, ready-to-use PCR reagents



## Smart chip

Replete with batch-specific data



## Minimal biosafety requirements

Can be used even in resource limited settings



## Long shelf life

Storage at room temperature



## Contamination/evaporation-resistant design

To provide maximum control

## ORDERING INFORMATION

Pack Size	5T	25T	50T
Cat. No.	601010005	601010025	601010050



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