

SOLUTIONS FOR MALARIA TESTING

Lasec® has a comprehensive range of products for the **diagnosis of malaria** - starting with sample collection and ending with analysis.

1. SAMPLE COLLECTION

These include swabs, containers, as well as complete sample collection kits for biological and environmental samples. These kits are completely customisable and are assembled in the Lasec® ISO 13485 Kit Packing Facility.



2. PURIFICATION

A variety of purification kits are available to meet any molecular need. Rapid preparation of high-quality DNA can be achieved from almost any starting material and be used for any downstream application.

3. AMPLIFICATION

Cole-Parmer® Real-Time PCR Testing Kits

Elevate your malaria testing capabilities with our advanced Real-Time PCR testing kits, designed for accuracy and efficiency.

Bio-Rad CPX Opus Real-Time PCR System

The CPX Opus Real-Time PCR System is the next evolution in quantitative PCR (qPCR). With improved thermal performance and the proprietary accurate optical shuttle system, your data will be more consistent. Easy-to-use interface with more flexible connectivity options for data management and instrument control.

USTAR EasyNAT® System

This product is based on three-stage magnetic conductivity extraction technology and Cross-priming Amplification Technology (CPA). It is used together with the EasyNAT® Malaria test kit for *in-vitro* diagnosis of pathogen nucleic acid sequences in human samples.

USTAR EasyNAT® Malaria Test Kit

This CE marked assay is intended for rapid qualitative detection of deoxyribonucleic acid (DNA) of *Plasmodium falciparum*, *Plasmodium vivax*, *Plasmodium malariae*, and *Plasmodium ovale* in human plasma, venous and fingertip blood.





4. RAPID DIAGNOSTIC TESTS

Lasec® provides three distinct types of rapid test kits to identify various malaria infection strains.



A.

ParaHIT® P.f. Malaria Rapid Test Kit

Lasec® offers a WHO Pre-Qualified Malaria Rapid Test Kit for the detection of *Plasmodium falciparum*.

The ParaHIT® Malaria Test Kit is an immunochromatographic antigen detecting assay that detects *Plasmodium falciparum* specific HRP II (histidine rich protein II) in human blood. This kit ensures high sensitivity and specificity, with no cross-reactivity with other species of malaria.



B.

ICT Malaria Dual Test Kit

Lasec® offers a Dual Malaria Rapid Test Kit for the detection of *Plasmodium falciparum*, *Plasmodium vivax*, *Plasmodium malariae*, and *Plasmodium ovale*.

The Dual Malaria Test Kit is an immunochromatographic assay that detects *Plasmodium falciparum*, *Plasmodium vivax*, *Plasmodium malariae*, and *Plasmodium ovale* antigens in whole blood. This test uses two capture monoclonal antibodies (anti-HRP II for P.f. and anti-pLDH for PAN) for antigen detection.



C.

ICT Malaria P.f. Antigen RDT Test Kit

Lasec® offers a Dual Malaria Rapid Test Kit for the detection of *Plasmodium falciparum*.

The P.f. Malaria Test Kit is an immunochromatographic assay that detects *Plasmodium falciparum* antigens in whole blood. This test uses one antibody specific to histidine-rich protein II antigen for detection.



5. MICROSCOPY

Lasec® offers the RAL Diagnostics-CellaVision RAL 555 staining kit. This is a versatile variation of the May-Grünwald Giemsa staining method that can serve in haematology (blood and bone marrow smears), parasitology, histology, spermology and cyto-bacteriology. Reliable results can be produced from blood smears in only 15 seconds.

Contact your Lasec® Sales Representative for more information

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