

## TRUPCR® Malaria Detection Kit

This Real-time PCR kit is used for the detection of *Plasmodium spp.* DNA, including the five human pathogenic species *Plasmodium falciparum*, *Plasmodium vivax*, *Plasmodium malariae*, *Plasmodium ovale* and *Plasmodium knowlesi*.

The TRUPCR® Malaria Detection Kit is based on amplification of a conserved region by primer and probes specific for the *Plasmodium spp.* The detection is achieved using fluorescent probes labeled with HEX. In this kit there are two independent reactions running in parallel in a single tube:

- 1) The first detects *Plasmodium spp.* in the HEX channel
- 2) The second detects the Internal Control (IC) in the Texas Red channel

### Key Features:

- Uses uracil DNA glycosylase (UDG) eliminating possible amplicon contamination
- Uses hot start technology enhancing allowing a high level of specificity and sensitivity
- Detects all five human pathogenic species (*P. falciparum*, *P. vivax*, *P. malariae*, *P. ovale* & *P. knowlesi*)
- Extensively validated on clinical samples.
- Internal control included to avoid false-negative results
- Rapid, reliable, robust and cost-effective
- Easy work flow & compatible with various Real-time PCR instruments.

### Ordering information:

Cat. No.	Product	Contents
<b>3B1255</b>	<b>TRUPCR® Malaria Detection Kit</b>	<b>48 Rxns</b>
<b>3B1256</b>	<b>TRUPCR® Malaria Detection Kit</b>	<b>96 Rxns</b>

For enquiries and orders please contact us:

HS BioLabs Ltd  
Innospace, The Shed  
Chester Street  
Manchester M1 5GD  
W: [www.hsbiolabs.com](http://www.hsbiolabs.com)  
E: [info@hsbiolabs.com](mailto:info@hsbiolabs.com)