



alethia[™]

Malaria

Improves decision making for your clinicians by providing an accurate and timely laboratory result for malaria.

THE BETTER WE ARE AT DETECTING MALARIA, THE BETTER OUR ODDS OF BEATING IT. FOR GOOD.

Approximately 219 million cases of malaria still occurred worldwide¹ and diagnostic testing and treatment is a key component of malaria control in either endemic and non-endemic areas. When malaria claims one life every minute, it's time to change the way you test!

Prompt diagnosis and treatment is the most effective way to prevent a mild case of malaria from developing into severe disease and death

- Let your labs screen negative results with confidence. Alethia Malaria has an analytical sensitivity of up to 80,000x more than conventional methods^{1,3}
- Avoid delays in treatment with quick and precise results in less than one hour

Revolutionize your laboratory's diagnostic accuracy with molecular performance

- With no special training or technical expertise required, Alethia Malaria provides your laboratory with a simple yet affordable molecular assay readily deployable in the field.

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Results That Matter

- Alethia Malaria allows for the direct detection of *Plasmodium spp.* (*P. falciparum*, *P. vivax*, *P. ovale*, *P. malariae*, and *P. knowlesi*), with up to 1,500x better analytical sensitivity than microscopy^{2,3} and up to 80,000x better analytical sensitivity than RDT's^{2,4}
- Remove the human subjectivity from malaria diagnosis

Fast & Streamlined

- The molecular precision of Alethia Malaria eliminates the need for repeat tests, allowing you to save time and money in the laboratory.
- Deliver a timely result with a simple 2 minute sample preparation from whole blood, and 40 minutes of amplification time.

Product Specifications

The Alethia™ Malaria DNA amplification assays, performed on the Alethia Incubator/Reader™, are qualitative in vitro diagnostic tests for the direct detection of *Plasmodium sp.* DNA in human venous EDTA whole blood specimens from individuals with signs and symptoms of malarial infection. Results from Alethia Malaria assays are intended to be used as an aid in the diagnosis of human malaria infection.

Turnaround Time

Less than 45 minutes

Shelf Life

12 months

Sample Type

Human venous whole blood samples with EDTA as a preservative

Sample Storage

- EDTA venous whole blood samples may be stored up to 7 days at room temperature 19-30 C
- Up to 14 days refrigerated 2-8 C prior to testing.
- Up to 30 days frozen at < -20 C

Kit Storage

Kit should be stored at 2 – 30 C

Performance

Analytical Sensitivity

2 Parasite/μl

Clinical Sensitivity

100% Sensitivity

Catalog Number

Alethia™ Malaria - 480925

Alethia™ Malaria PLUS - 481125

Alethia™ Malaria

External Control - 479970

References

1. WHO, WORLD MALARIA REPORT 2018, 2018
2. Alethia Malaria package insert, SNT1035.
3. Okell LC, Ghani AC, Lyons E, Drakeley CJ. Submicroscopic infection in *Plasmodium falciparum*-endemic populations: a systematic review and meta-analysis. *J Infect Dis* 2009; 200:1509
4. Abba, Katharine., et al. "Rapid Diagnostic Tests for Diagnosing Uncomplicated Non-falciparum or *Plasmodium Vivax* Malaria in Endemic Countries." *Cochrane Database of Systematic Reviews* (2014).

Molecular Ends Malaria. It's time to talk.

Contact a specialist info@meridianbioscience.eu
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meridian BIOSCIENCE™
LIFE DISCOVERED. LIFE DIAGNOSED.

