

Contribution to Malaria Elimination in Lao PDR

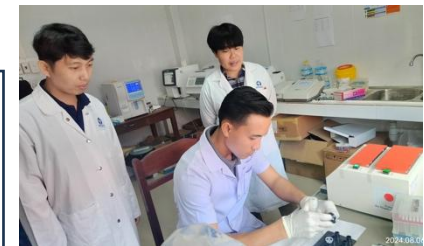
(International Collaborative Research Program: Science and Technology Joint Research Partnership for Sustainable Development (SATREPS))

- This project aims to contribute to the elimination of malaria endemic in the Lao People's Democratic Republic (Lao PDR).
- In Lao PDR, malaria diagnosis has traditionally relied on microscopic examination and rapid diagnostic tests (RDTs). However, in recent years, cases of low-density malaria parasite infections that cannot be detected by conventional diagnostic methods have been increasingly reported. The application of the loop-mediated isothermal amplification (LAMP) method enables more accurate diagnosis and facilitates timely and appropriate treatment.
- The recommendations ^{*1} of this project were incorporated into the National Strategic Plan for Malaria Control and Elimination (2026–2030) in Lao PDR. It will enable the use of LAMP and PCR-based diagnostic methods in malaria-endemic areas, facilitating the detection of low-density malaria parasite infections and contributing to malaria elimination in Lao PDR.

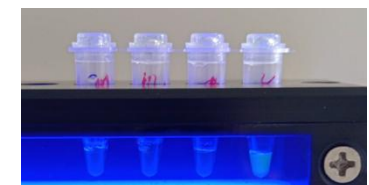
^{*1} the adoption of LAMP and PCR as Malaria diagnostic methods.

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- Project Title: Project for malaria and neglected parasitic diseases control and elimination using advanced research technique, communication tools and eco-health education
- Research period: FY 2022 to FY 2027
- Principal Investigator:
(Japan) IWAGAMI Moritoshi (Chief, Japan Institute for Health Security)
(Lao PDR) Philippe Buchy (Director, Institute Pasteur du Laos, Ministry of Health)



Malaria LAMP test



Malaria LAMP test results