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GenWorks Health launches IVD tests for dengue & malaria

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Rapid card test kits for iScreen Malaria Card Antigen (Pf/Pv) & iScreen Dengue NS1



To improve the offering in the in vitro diagnostics (IVD) field, Bengaluru-based startup GenWorks has announced the launch of its IVD tests including rapid card test kits for dengue and malaria.

The use of IVD products for dengue and malaria are aimed at preventing, diagnosing, curing, and treating seasonal epidemics and mitigating their impact.

iScreen Malaria Card Antigen (Pf/Pv) by GenWorks is a visual lateral flow immunoassay designed for the qualitative and differential detection of P. falciparum specific histidine-rich protein-2 (Pf. HRP-2) and P. Vivax specific lactate dehydrogenase (pLDH) in human whole blood with 98.5% sensitivity & 95% specificity.

A blood specimen collected from the patient is applied to the sample pad on the test card along with buffer reagent. After 15 minutes, the presence of specific bands in the test card window indicates whether the patient is infected with *Plasmodium falciparum* or *Plasmodium vivax* of human malaria.

On the other hand, iScreen Dengue NS1 by GenWorks offers an immunochromatographic one-step rapid card solution for qualitative early acute dengue detection with NS1 antigen and differential detection of dengue IgG & IgM antibodies in human serum.