



Novaplex™ Malaria Assay (RUO)

Malaria is a disease caused mainly by 5 species of *Plasmodium* parasites, which spread through the bites of infected female *Anopheles* mosquitoes. Malaria involves symptoms such as chills, fever, headache, muscle ache and fatigue, and occurs in many regions around the world. Prescription can differ by parasite type, and if not managed properly, the infection can become severe and may cause kidney failure, seizures, mental confusion, coma, and even death.

Novaplex™ Malaria Assay (RUO) is a multiplex real-time PCR assay that can identify 5 *Plasmodium* species including *P. vivax*, *P. ovale*, *P. falciparum*, *P. malariae*, *P. knowlesi* at once. This product can be used with Seegene's other assays to help accurately detect viruses, bacteria, and parasites that can cause vector-borne diseases.



Multiple detection

Detects and identifies 5 *Plasmodium* species including *P. vivax*, *P. ovale*, *P. falciparum*, *P. malariae*, *P. knowlesi* simultaneously in one tube, with a single test



Total solution for vector-borne disease

Can be used with Seegene's other assays detecting vector-borne diseases for a more comprehensive test (Refer to ordering information)



High specificity & sensitivity

Provides testing with more sensitivity and specificity compared to microscopy and rapid diagnostic tests

Specifications

Analytes	Sample	Compatible instrumentation
<i>Plasmodium vivax</i> (PV)	Whole blood	Real-time PCR
<i>Plasmodium ovale</i> (PO)		- CFX96™
<i>Plasmodium falciparum</i> (PF)		- CFX96™ Dx
<i>Plasmodium malariae</i> (PM)		- CFX96™ Touch
<i>Plasmodium knowlesi</i> (PK)		
Endogenous internal control (IC)		

Ordering information

Products	Volume	Cat. No.
Novaplex™ Malaria Assay (RUO)	124 rxns	R-VB10369W
Novaplex™ Tropical fever virus Assays (RUO)	124 rxns	R-TF10208W
	50 rxns	R-TF10207Y
Novaplex™ Tick-borne Disease Assay (RUO)	124 rxns	R-TD9900W
	50 rxns	R-TD9900Y
Novaplex™ Tick-borne Disease Expanded Assay (RUO)	100 rxns	R-VB10377X
	25 rxns	R-VB10378Z