

Novaplex™

Tropical fever virus Assay (RUO)

Tropical fever is an infectious disease most prevalent in tropical and subtropical regions. It can cause high fever, headache, viral hemorrhagic fever, and even more severe consequences if proper treatment is delayed. It is usually caused by arboviruses transmitted by arthropods such as mosquitoes and ticks.

Dengue (DENV), Chikungunya (CHIKV), Zika (ZIKV), and West Nile (WNV) viruses are the major causative arboviruses that are dominantly detected across many countries. As tropical fever is highly contagious, detecting infection in the early stage using highly specific and sensitive PCR testing is important.

Novaplex™ Tropical fever virus Assay (RUO) is a multiplex real-time PCR assay that can identify 4 major pathogens (DENV, CHIKV, ZIKV, WNV) causing tropical fever. This product can be used with Seegene's other products to help accurately detect major causative pathogens of vector-borne diseases.

Key features

✓ Multiple detection

- Detects and identifies 4 major pathogens (DENV, CHIKV, ZIKV, WNV) of tropical fever simultaneously in one tube with a single test

✓ Combination test

- Combines with Seegene's other assays detecting vector-borne diseases

✓ Auto-interpretation

- Provides automated data interpretation with Seegene Viewer

Specifications

Analytes	Compatible instrumentation
• Dengue virus (DENV) • Chikungunya virus (CHIKV) • Zika virus (ZIKV) • West Nile virus (WNV) • Internal control (IC)	• Real-time PCR CFX96™ CFX96™ Touch

Ordering information

Product	Volume	Cat. No.
Novaplex™ Tropical fever virus Assay (RUO)	124 rxns 50 rxns	R-TF10208W R-TF10207Y