



Novaplex™

Tick-borne Disease Expanded Assay (RUO)

Tick-borne diseases are transmitted through the bites of ticks infected with viruses, bacteria, or parasites. The most common types of tick-borne diseases are Lyme disease, Anaplasmosis, Ehrlichiosis, Babesiosis, Powassan, Rocky Mountain Spotted Fever, and Tularemia, and they involve symptoms such as fever, chills, aches and rash. Globally, the prevalence of tick-borne diseases is continuously increasing, posing a threat to human and animal health.

Novaplex™ Tick-borne Disease Expanded Assay (RUO) is a multiplex real-time PCR assay that can detect multiple targets associated with tick-borne diseases. 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 multiple targets associated with tick-borne disease simultaneously in two tubes, 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)



Wide coverage

Designed to detect over 40 viruses, bacteria, and parasites

Specifications

| Analytes | Samples | Compatible instrumentation |
|--|------------------------------|----------------------------|
| <i>Rickettsia</i> spp. (Rcke) | Tissues (biopsies, puncture) | Real-time PCR |
| <i>Borrelia miyamotoi</i> (BMi) | CSF | - CFX96™ |
| <i>Borrelia burgdorferi sensu lato complex</i> (B.B.s.l) | Tick | - CFX96™ Dx |
| <i>Anaplasma phagocytophilum</i> (AP) | | - CFX96™ Touch |
| <i>Ehrlichia</i> spp. (Ehrl) | | |
| Tick-borne encephalitis virus (TBEV) | | |
| <i>Babesia</i> spp. (Babe) | | |
| <i>Coxiella burnetii</i> (CB) | | |
| <i>Bartonella</i> spp. (Bart) | | |
| Exogenous internal control (IC) | | |

Ordering information

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