



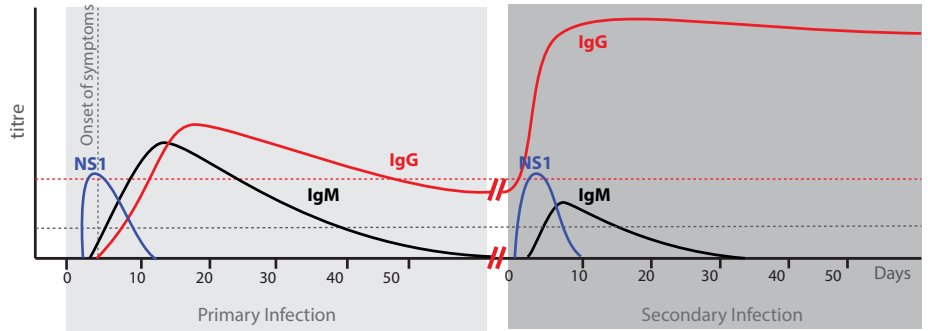
ONSITE SOLUTION FOR POCT DENGUE MANAGEMENT

DENGUE INFECTION

There are four dengue virus serotypes (DENV-1, DENV-2, DENV-3 and DENV-4) that cause human infection. Infection with one serotype of DENV provides immunity to that serotype for life, but doesn't provide protective immunity to the other serotypes.

Dengue infection results in illness ranging from mild and asymptomatic to life-threatening forms of dengue hemorrhagic fever (DHF) and dengue shock syndrome (DSS).

Dengue NS1 antigen, IgM and IgG are the most effective biomarkers for the detection of dengue infection status.



ONSITE RAPID TESTS BY CTK



Dengue IgG/IgM Combo Rapid Test

R0061C | Serum/Plasma/Whole Blood

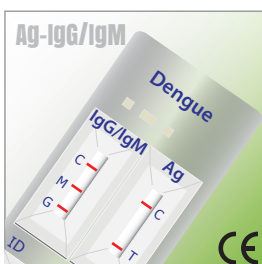
- Detects and differentiates dengue IgG and IgM antibodies
- Highly sensitive to all 4 serotypes and their isolates
- Overall agreement (vs EIA): IgG 99.1%, IgM 98.7%
- Whole blood specimen allows testing at the point of care, saving crucial time
- Passed MOH registration evaluations in Asia and Latin America
- No cross-reaction to 17 common diseases, such as HIV, HCV, HBV, CHIK, Malaria, Typhoid
- No interference with common substances
- 24 month shelf life at 2-30 °C storage



Dengue Ag (NS1) Rapid Test

R0063C | Serum/Plasma/Whole Blood

- Detects NS1 antigen from all 4 serotypes and their isolates
- Whole blood specimen allows testing at the point of care, saving crucial time
- Sensitivity 100%; Specificity 100% (vs a commercial Dengue Ag RDT)
- Passed MOH registration evaluations in Asia and Latin America
- No cross-reaction to 17 common diseases, such as HIV, HCV, HBV, CHIK, Malaria, Typhoid
- No interference with common substances
- 24 month shelf life at 2-30 °C storage



Duo Dengue Ag (NS1) + IgG/IgM Rapid Test

R0062C | Serum/Plasma/Whole Blood

Combination of the IgG/IgM and NS1 tests to provide a full spectrum of dengue infection at either:

- Early-stage primary infection: Ag positive
- Late-stage primary infection: IgM, and/or IgG positive
- Recent infection: IgG positive
- Acute secondary infection: Ag and IgG positive and/or IgM Positive



RecombiLISA ELISA by CTK



Dengue Ag ELISA ^{CE} | E0312

- Detects NS1 for all 4 serotypes or isolates
- Higher sensitivity than the leading Ag ELISA
- Detects NS1 as low as 0.3 ng/mL, no hook effect up to 0.1 mg/mL
- 2 month open vial stability
- 18 month shelf life at 2-8 °C storage

Dengue IgM ELISA | AE0310

- IgM capture ELISA to ensure high specificity
- Detects IgM for all 4 serotypes or isolates
- Comparable accuracy to the leading IgM ELISA
- 2 month open vial stability
- 18 month shelf life at 2-8 °C storage

Dengue IgG ELISA ^{CE} | E0311

- IgG capture ELISA to ensures high specificity
- Detects IgG for all 4 serotypes or isolates
- Comparable accuracy to the leading IgG ELISA
- 2 month open vial stability
- 18 month shelf life at 2-8 °C storage

As a leading discoverer, developer, and manufacturer of IVDs for tropical diseases, CTK is proud to offer a complete line of products for the management of dengue infection:

- **RAPID TESTS:** For all healthcare settings
- **ELISA KITS:** To confirm rapid test result and for high-throughput setting

Ordering Information:

Cat. No.	Product	Specimen	Shelf Life	Pack size
R0061C	Dengue IgG/IgM Combo Rapid Test ^{CE}	S/P/WB	24 M	30 Tests/Kit
R0062C	Duo Dengue Ag (NS1) - IgG/IgM Rapid Test ^{CE}	S/P/WB	24 M	30/10 Tests/Kit
R0063C	Dengue Ag (NS1) Rapid Test ^{CE}	S/P/WB	24 M	30/10 Tests/Kit
AE0310	Dengue IgM ELISA Kit	S/P	18 M	96 well kit
E0311	Dengue IgG ELISA Kit ^{CE}	S/P	18 M	96 well kit
E0312	Dengue Ag (NS1) ELISA Kit ^{CE}	S/P	18 M	96 well kit

