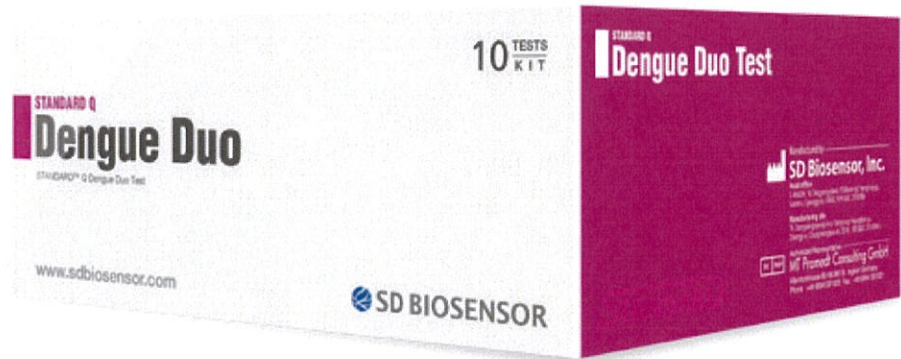
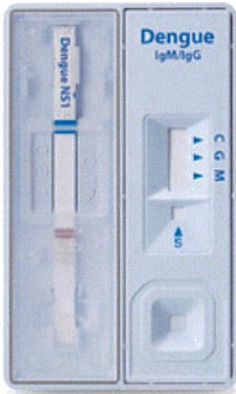


CE

STANDARD Q Dengue Virus Test kit

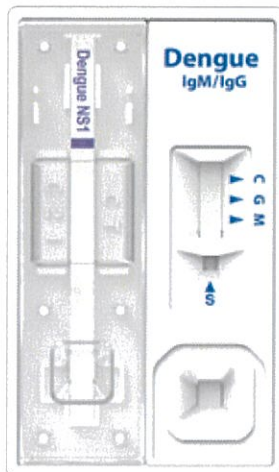
- STANDARD Q Dengue NS1 Ag test kit
- STANDARD Q Dengue IgM/IgG test kit
- STANDARD Q Dengue Ag/Ab Duo test kit



STANDARD Q Dengue RDT Series

STANDARD Q Dengue Ag/Ab Duo test kit

The STANDARD Q Dengue Ag/Ab Duo test kit is a rapid immunochromatography test designed for the qualitative presumptive detection of Dengue NS1 antigens, specific IgM and IgG to Dengue virus in human body fluid.



Product Information

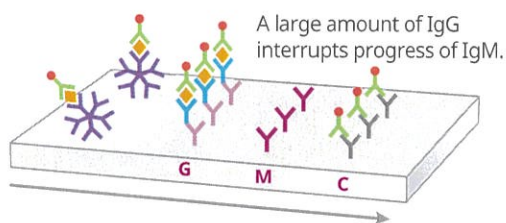
Information	Product Detail
Method	Lateral flow immunoassay
Time to result	15 minutes
Storage and operating conditions	1-40°C / 34-104°F
Shelf life	24 months
Sample type	Serum/Plasma/Whole blood

Clinical Performance

Product	Sensitivity	Specificity
Dengue NS1 Ag (vs. RT-PCR)	92.9% (184/198)	98.7% (222/225)
Dengue IgM (vs. ELISA)	97.5% (77/79)	96.6% (346/358)
Dengue IgG (vs. ELISA)	97.2% (140/144)	96.2% (282/293)

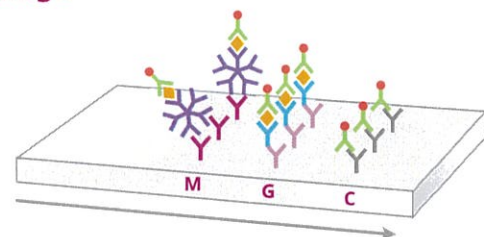
※ Reference : STANDARD Q Dengue Ag/Ab Duo test kit Instruction for Use

Advanced performance of STANDARD Q Dengue IgM/IgG



STANDARD Q Dengue IgG/IgM (1st generation)

Sensitivity	96.0%
Specificity	95.8%



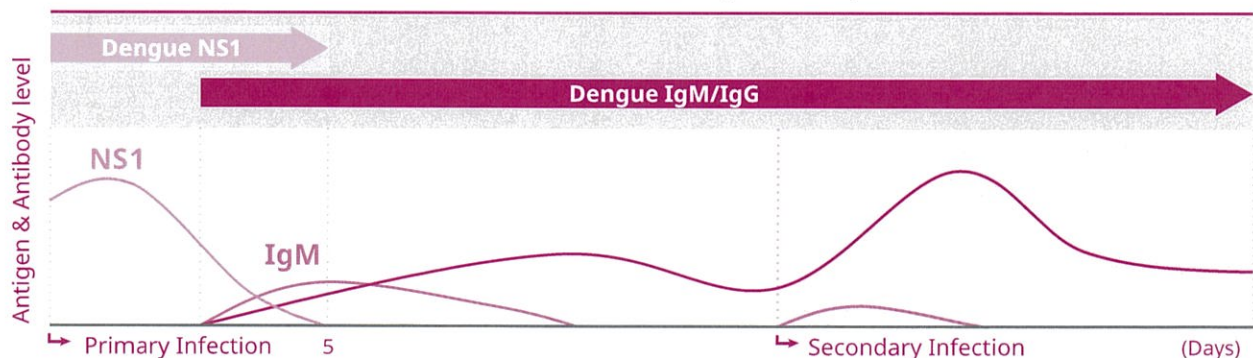
STANDARD Q Dengue IgM/IgG (2nd generation)

Sensitivity	97.8%
Specificity	96.5%

Detecting all clinical phase

Useful diagnostic tool to cover all clinical stages for acute phase to convalescence phase.

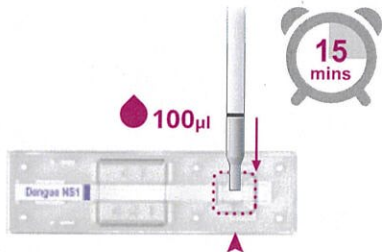
- Dengue NS1 : Within 5 days after onset of fever (acute phase sample)
- IgM/IgG : Around 5 days after onset of fever (convalescence phase sample)



Simple Test Procedure

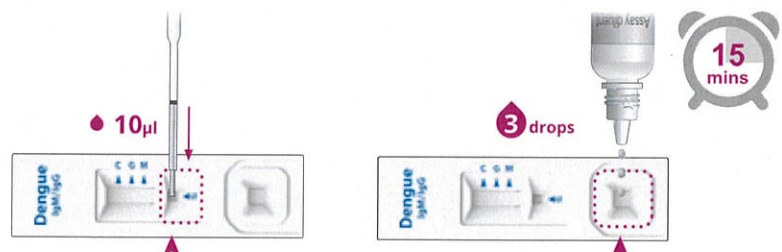
Dengue NS1 Ag

- Using disposable dropper, add 100ul of the Serum / Plasma / Whole blood into the sample well of test device. **Read after 15mins.** Do not read after 30mins.



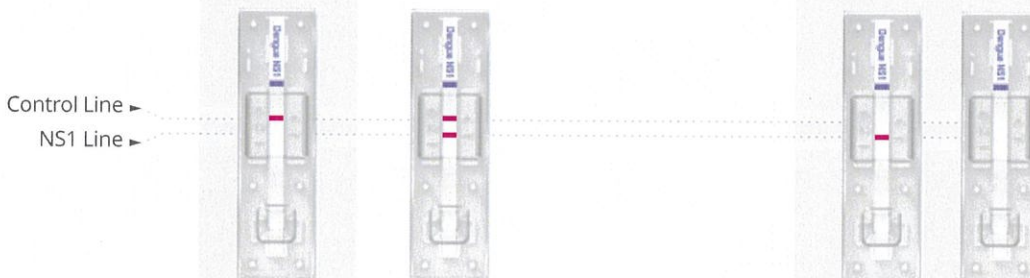
Dengue IgM/IgG

- Using SD Ezi tube+, add 10ul of the Serum/Plasma/Whole blood into the sample well of test device.
- Add 3 drops (90ul) of assay diluent into the Assay diluent well of test device. **Read after 15mins.** Do not read after 30mins

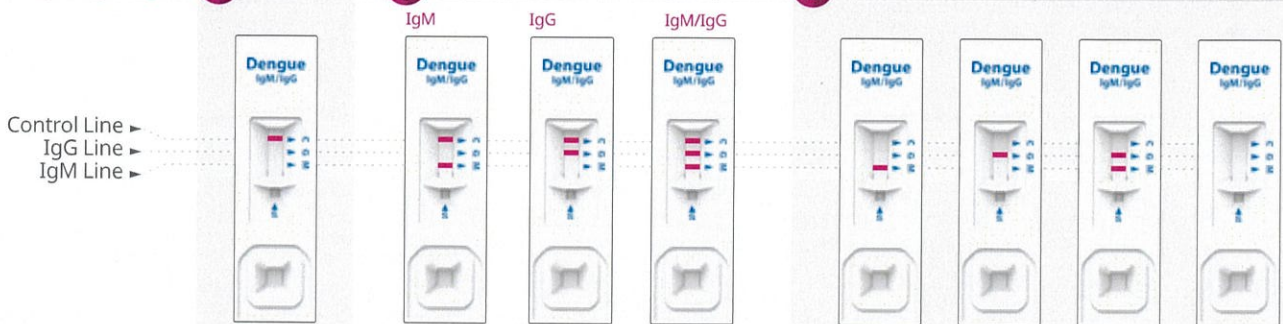


Interpret the test results

Dengue NS1 Ag **-** Negative **+** Positive **x** Invalid



Dengue IgM/IgG **-** Negative **+** Positive **x** Invalid



※ This test is intended for professional use as an aid to diagnosis of Dengue virus infection. Reactive samples should be confirmed by a supplement assay such as RT-PCR, viral culture test and Plaque Reduction Neutralization Test (PRNT) as gold standard.

※ Even if the control line is faint, or the test line isn't uniform, the test should be considered to be performed properly and the test result should be interpreted as a positive result.

STANDARD Q Dengue NS1 Ag

Detection of Dengue NS1 Ag in acute phase of Dengue virus infection

- **Fast test result** : 15 minutes
- **Convenient storage condition** : 1-40°C / 34-104°F
- **Specimen** : Serum/Plasma/Whole blood
- **Sensitivity** : 92.9% (184/198) **Specificity** : 98.7% (222/225)



STANDARD Q Dengue IgM/IgG

Differential detection of IgM(primary infection or acute phase) and IgG(secondary infection or convalescence phase)

- **Fast test result** : 15 minutes
- **Convenient storage condition** : 1-40°C / 34-104°F
- **Specimen** : Serum/Plasma/Whole blood
- **Sensitivity** : IgM - 97.5% (77/79), IgG - 97.2% (140/144)
- **Specificity** : IgM - 96.6% (346/358), IgG - 96.2% (282/293)



STANDARD Q Ordering information

Item	Cat. No.	Specimen	Package size
STANDARD Q Dengue NS1 Ag Test	09DEN10B	Serum / Plasma / Whole blood	20Tests/kit
STANDARD Q Dengue IgM/IgG Test	09DEN20B	Serum / Plasma / Whole blood	20Tests/kit
STANDARD Q Dengue Ag/Ab Duo Test	09DEN30A	NS1 : Serum / Plasma / Whole blood IgM/IgG : Serum / Plasma / Whole blood	10Tests/kit



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