



Dengue Diagnostic Test *is now....*



**UNDOUBTEDLY
SUPERIOR**

DengucheckTM Combo

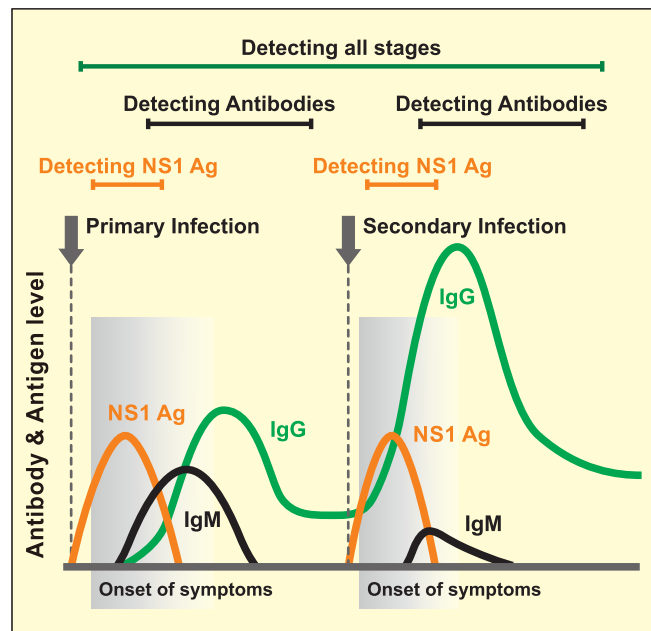
Rapid test system for the detection of Dengue NS-1 antigen and IgG/IgM antibodies to Dengue virus in human serum/plasma.

Dengue NS1 antigen is present at high concentrations in the sera of dengue virus infected patients during the early clinical phase. This antigen is considered to be a sensitive diagnostic marker for detection of dengue in early stage. NS1 antigen is expected to be detected between 1-5 days after the onset of fever in both primary and secondary dengue infection. NS antigen level decline in immune-response phase when the antibodies start appearing.

In primary infection, IgM antibodies become detectable about 4-6 days after onset of clinical symptoms. With increase in level of IgM, the dengue virus and associated antigens disappear immediately from the blood stream.

Secondary infection, in contrast to primary infection, results in appearance of high levels of anti-dengue IgG antibodies before IgM antibodies. The IgG antibody level rises quickly reaching to a peak in about 2 weeks after the onset of symptoms and may persists for years.

Dengucheck Combo can detect dengue infection from the initial period of viremia i.e first day of clinical symptoms, to delayed immunological responses i.e appearance of antibodies; through combination of Dengue NS1 Antigen and IgG / IgM test system.



**Detectability of Dengucheck Combo
in all stages of infection**

Detects dengue infection on the first day of appearance of clinical symptoms – Test system designed to detect dengue NS 1 antigen.

Differentiates between primary & secondary infection – Combined test system for detection of NS1 antigen and IgG/IgM antibodies to dengue virus.

Reliable performance – Excellent correlation with standard NS1 detection and dengue antibody detection test.

Convenience – 4- 30°C storage, 10 tests pack.

Dengucheck Combo - Performance ; Best in the Class !

