

ProDetect™

Dengue Rapid Test



Infection with dengue virus (DENV) results in varying degrees of pathological conditions, ranging from mild asymptomatic dengue fever (DF) to severe dengue hemorrhagic fever (DHF) and dengue shock syndrome (DSS) which may turn fatal.

ProDetect™ Dengue Rapid Test, is an *in vitro* qualitative immunochromatographic assay for the rapid detection of dengue NS1 antigen and anti-dengue IgG/IgM antibodies in human serum, plasma or whole blood specimens.

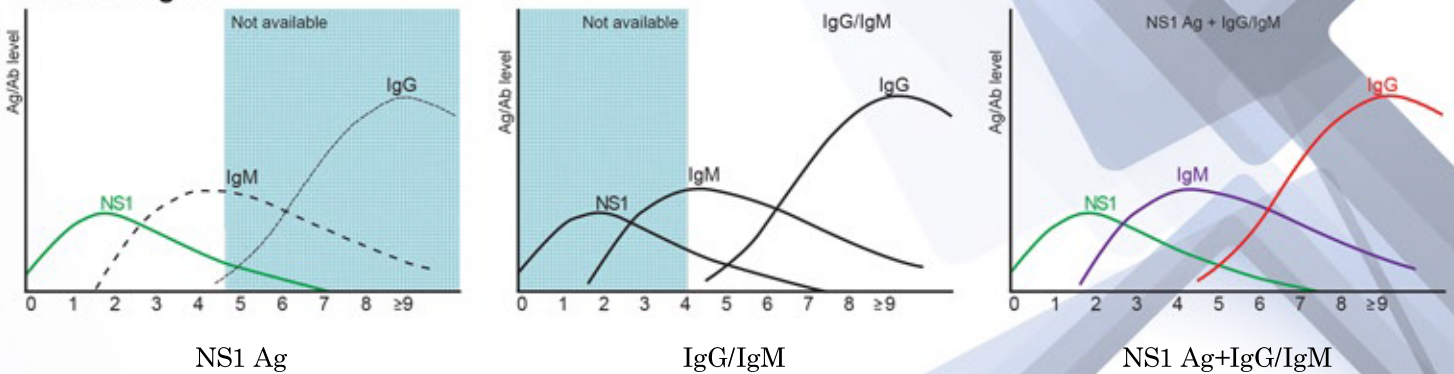
Interpretation of results is through the presence or absence of bands dedicated for dengue NS1 antigen and anti-dengue IgG and IgM antibodies. The test has a longer detection window as it can detect both the virus and antibodies, thus reducing possibility of false negative. This test is useful during the early phase of disease onset when there is viremia as well as later stage of onset when antibodies against dengue began to rise.

Dengue fever which is a flu-like illness, may progress to severe dengue with defining features such as plasma leaking, fluid accumulation, respiratory distress, severe bleeding and organ impairment. An immediate and effective treatment can decrease the mortality rate from more than 20% to less than 1%. Therefore, a rapid diagnostic test for dengue is imperative to prevent severe complications, impede further outbreak and strengthen the health status.

(WHO: Dengue and severe dengue fact sheet, 2017)

PR DETECT™	Combined Diagnostics for Dengue NS1 Antigen and IgG/IgM Antibodies		
	Sensitivity	Specificity	Specimen
NS1 Ag	95.8%	96.1%	Whole blood/Serum/Plasma
IgG/IgM	95.7%	99.9%	Whole blood/Serum/Plasma

Clinical Stages



ORDERING INFORMATION

Catalog No.	Product Name	Format	Specimen	Test/Kit
PR-DEN-1	ProDetect™ Dengue NS1 Ag Rapid Test*	Cassette	Whole blood/Serum/Plasma	25
PR-DEN-2	ProDetect™ Dengue IgG/IgM Rapid Test*	Cassette	Whole blood/Serum/Plasma	25
PR-DEN-3-1	ProDetect™ Dengue Duo NS1 Ag & IgG/IgM Rapid Test*	Cassette	Whole blood/Serum/Plasma	10
PR-DEN-3-2	ProDetect™ Dengue Duo NS1 Ag & IgG/IgM Rapid Test*	Cassette	Whole blood/Serum/Plasma	25

*Products are CE-IVD certified