



DENGUE VIRUS ANTIBODY

Synonym(s): Dengue IgM, Dengue IgG

[Back To Previous Page \(javascript: history.go\(-1\)\)](#)

Lab Section Category	Virology Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/virology.aspx).
Description	Dengue IgM antibody (anti-Dengue IgM) Dengue IgG antibody (anti-Dengue IgG)
Specimen Required	3 – 5 mL plain blood. To diagnose acute infection, send acute sample for dengue IgM antibody and if necessary, a second sample taken 7 – 10 days later for dengue IgM on the pair. To identify previous exposure to dengue virus, please send a sample for dengue IgG . Although seroconversion of dengue IgG on paired samples 7-10 days apart demonstrates acute infection, dengue IgM and dengue NS1 antigen detection are preferred tests for diagnosis.
Storage and Transport	Refrigerate samples if delay in transporting to laboratory is anticipated. Do not freeze.
Method	Dengue IgM/ IgG : Enzyme immunoassay
Test Result	Acute infection: IgM antibody positive on acute serum or paired sera showing seroconversion of IgM and/or IgG Past infection: Presence of IgG antibody in the absence of specific IgM Note: A positive result can be due to cross-reactive flavivirus antibodies and should be correlated clinically.
Turnaround Time	Dengue IgM : <1 – 3 days Dengue IgG : <1 – 7 days
Day(s) Test Set up	Dengue IgM : Monday, Wednesday and Friday Dengue IgG : Thursday

[Back To Previous Page \(javascript: history.go\(-1\)\)](#)

Change History Notes

- **01 Apr 2013 12:00 AM**
Test (Dengue Total HI antibody) discontinued w.e.f 15 July 2011.

©Copyright 2018 Singapore General Hospital, Outram Road, Singapore 169608

