

Dengue virus

General:

The Dengue virus which causes Dengue hemorrhagic fever belongs to *Flaviviridae*, which are classified into 4 serotypes. Carriers of flaviviruses are insects of the Aedes-type. Symptoms appear 5-8 days after infection: general pain, headache, retroocular pains, pains in the joints, as well as facial erythematous changes.

The following tests are available:

- **Dengue fever IgM antibodies**

Indication: Suspicion of an acute infection

Material: 1 ml serum

TAT: 7-10 days*

Method: EIA

Units: Index

Ref.- range: <0.9

- **Dengue fever IgG antibodies**

Indication: Suspicion of an earlier infection

Material: 1 ml serum

TAT: 7-10 days*

Method: EIA

Units: Index

Ref.- range: < 0.9

- **Dengue fever virus antigen**

Material: 1 ml serum

TAT: same day, FML

Method: EIA

Units: Index

Ref.- range: < 0.5



- **Dengue fever DNA**

Material: 1 ml serum

TAT: 7-10 days*

Method: PCR

Ref.- range: see result

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit
<http://www.fml-dubai.com/parameter-listings/>