

Yellow Fever Flaviviruses

General:

Yellow fever is an anthroponosis, caused by flavivirus febricis and transmitted by gnats (*Aedes aegypti*) from human to human. It is restricted to tropical areas of Africa and America. Flaviviruses are spread via blood system and cause acute parenchyma damage, particularly in liver, kidney and heart muscle. After an incubation period of 3-6 days the following symptoms appear: shivering, fever, headache especially in the forehead area, dizziness, generalized myalgia in limbs and back, thirst and vomiting as well as colorations of face, conjunctiva, neck, chest and vulva. Proteinuria, icterus, blood vomiting, hematemesis, toxicemia can occur followed by death.

Healing leads to lasting immunity without chronic damage of the liver and kidneys.

The following tests are available:

- **Yellow fever IgG antibodies**

Material: 1 ml serum

TAT: 7-10 days*

Method: IFT

Units: Titer

Ref.- range: <1:20

- **Yellow fever IgM antibodies**

Material: 1 ml serum

TAT: 7-10 days*

Method: IFT

Units: Titer

Ref.- range: <1:20

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