

Hepatitis E

General:

Hepatitis E shows an incubation period of approx. 60-65 days and is endemic in Asia (China) and Africa. Teenagers and children are more often affected, pregnant women are especially at danger. The disorder does not result in lifelong immunity; reactivation is possible without presenting clinical symptoms.

The following tests are available:

- **Hepatitis E IgM antibodies**

Indication: suspicion of acute hepatitis E infection

Material: 1 ml serum

TAT: 5-7 days*

Method: EIA

Units: Index

Ref.- range: <1.0

- **Hepatitis E IgG antibodies**

Indication: suspicion of previous hepatitis E infection

Material: 1 ml serum

TAT: 5-7 days*

Method: EIA

Units: Index

Ref.- range: <1.0

- **Hepatitis E IgM Western Blot**

Indication: confirmation of positive hepatitis E-IgM ELISA results

Material: 1 ml serum

TAT: 7-10 days*

Method: Western Blot

Ref.- range: negative

- **Hepatitis E IgG Western Blot**

Indication: confirmation of positive hepatitis E-IgM ELISA results

Material: 1 ml serum

TAT: 7-10 days*

Method: Western Blot

Ref.- range: negative

- **Hepatitis E virus RNA**

Indication: suspicion of acute hepatitis E infection

Material: 3 ml EDTA blood

Preanalytics: for dispatch please do not freeze EDTA blood! Debris of erythrocytes will disturb the measurement. Alternative material is erythrocyte-free EDTA plasma, which can be dispatched frozen in an additive-free vial. Please use additional vials for other requested tests, as opening of the vial and splitting the samples can lead to contaminations and therefore to false positive results.

TAT: 7-10 days*

Method: PCR

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