Hepatitis E: Testing Algorithm for Diagnosis and Management

Immunocompetent patients with abnormal liver enzyme levels and at risk for hepatitis E

- HEVM / Hepatitis E Virus IgM Antibody Screen with Reflex to Confirmation, Serum
  - Reactive antibody result automatically reflexes to antibody confirmation test
  - Active HEV infection
  - Request HEVQU if abnormal liver enzyme levels persist without alternative diagnosis

Immunocompromised patients (organ transplant recipients with unexplained abnormal liver enzyme levels) with or without risk factors for hepatitis E

- HEVQU / Hepatitis E Virus RNA Detection and Quantification by Real-Time RT-PCR, Serum
  - Any viral load negative
  - No evidence of active HEV infection

Patients with possible resolved hepatitis E (normal or near normal liver enzyme levels)

- HEVG / Hepatitis E Virus IgG Antibody, Serum

Automatic reflex to HEVML / Hepatitis E Virus IgM Antibody Confirmation, Serum

- REACTIVE
- POSITIVE
- Active HEV infection
- Request HEVQU if abnormal liver enzyme levels persist without alternative diagnosis

- NEGATIVE
- Request HEVQU if abnormal liver enzyme levels persist without alternative diagnosis

- NEGATIVE

Any viral load negative