

HEV IgM Rapid Test

Domain: Diagnostic (Assay/Kit)

About Technology: The HEV IgM Rapid Test is a lateral-flow immunoassay that captures IgM antibodies using anti-human IgM on the test line. HEV-specific IgM is detected through colloidal gold-labeled anti-HEV monoclonal antibodies bound to recombinant HEV protein, producing a pink/purple test line. A control line with mouse anti-HEV antibodies confirms proper assay performance by generating a similar colored line.

Intended Use: Enables reliable Hepatitis E diagnosis in mobile health units, and remote locations, suitable for point-of-care use and compatible with minimal-infrastructure laboratories, such as those operating under the Viral Diagnostic Laboratory Network.

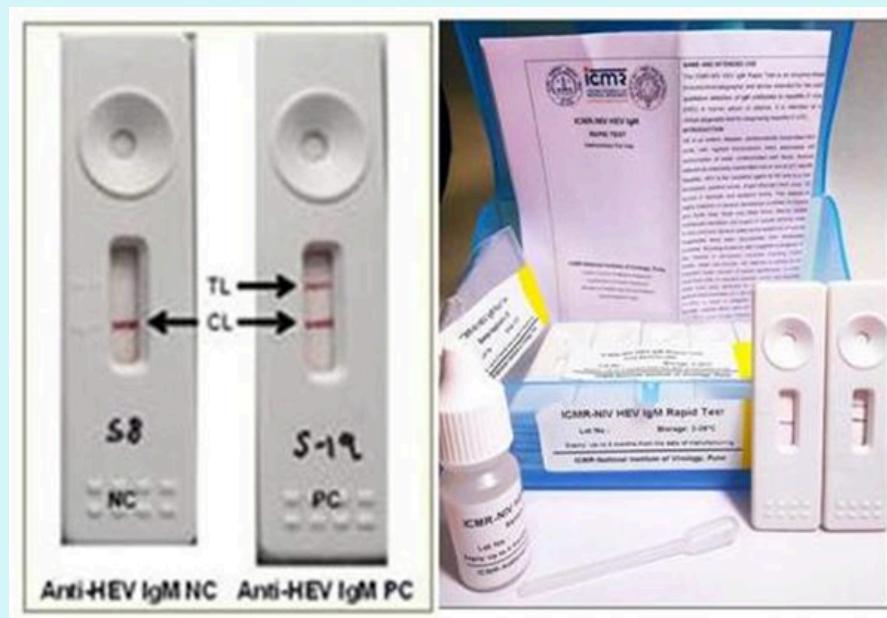
Advantages:

- HEV IgM Rapid Test has been developed in IgM capture format & sensitively & specifically detects HEV infections
- Performance is comparable to laboratory based ELISAs (commercial & in-house)
- Test requires only 10µl serum/plasma sample and gives results within 15 min

Development Status: Third Party validation complete

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