

Helpline No.: 951 6363 951



Triple-H Nucleic Acid Test

- Individual donor screening in blood banks
- Pre-operative individual screening in hospitals

Triple H Detection test provides one qualitative multiplex RT-PCR test for simultaneous detection and discrimination of HIV, HBV and HCV in a single tube format.

HHH Nucleic Acid Test for

- **Human Immunodeficiency Virus Type-1 (HIV)** Group M, N and O RNA
- **Hepatitis C Virus (HCV)** RNA- All genotypes
- **Hepatitis B virus (HBV)** DNA Human plasma specimen from individual human donors, blood products and suspected individuals (covering all genotypes)

Acu-MDx is using the Diagnostic Kit licensed by FDA for qualitative multiplex RT-PCR test for simultaneous detection and discrimination of HIV, HBV and HCV in a single tube.

Fully Automated Extraction System

Compact XL which provides viral nucleic acid extraction using Mylab's proprietary magnetic bead technology. Extracted viral nucleic acid is further amplified using one step RT-PCR technology for detection and discrimination of HIV RNA (HIV-1 Group M,N & O RNA) & HIV - 2 RNA (Genotype 1-6) and HBV DNA (Genotype A-H).



Accurate & Specific ID-NAT Screening System

Highly sensitive RT-PCR technology

Individual donor testing process

Multiple quality checks with controls

High-volume sample processing proprietary Technology

Automation compatible through a Fully Automated Extraction System

Types of Viruses Covered

HIV-1 genotype (A to H including AE & GH)
HIV-1 1 Group M, N & O

HIV-2 RNA

HCV RNA (Genotype 1-6)

HBV DNA (Genotype A-H & Pre-core Mutants)

Turn Around Time

Sample loading to result- 2 hours only

Where Screening Needed

- Chronic HIV patients
- Signs or symptoms suggestive of triple infections
- Intravenous drug abusers
- Sex workers
- **Pregnancy**
- Pre-operative before surgical procedures
- Blood transfusions etc.