



J. Mitra & Co. Pvt. Ltd.

.....a vision to serve mankind[®]

ZERO

COMPROMISE



First Indian Company to offer a Complete

4th GENERATION SOLUTION

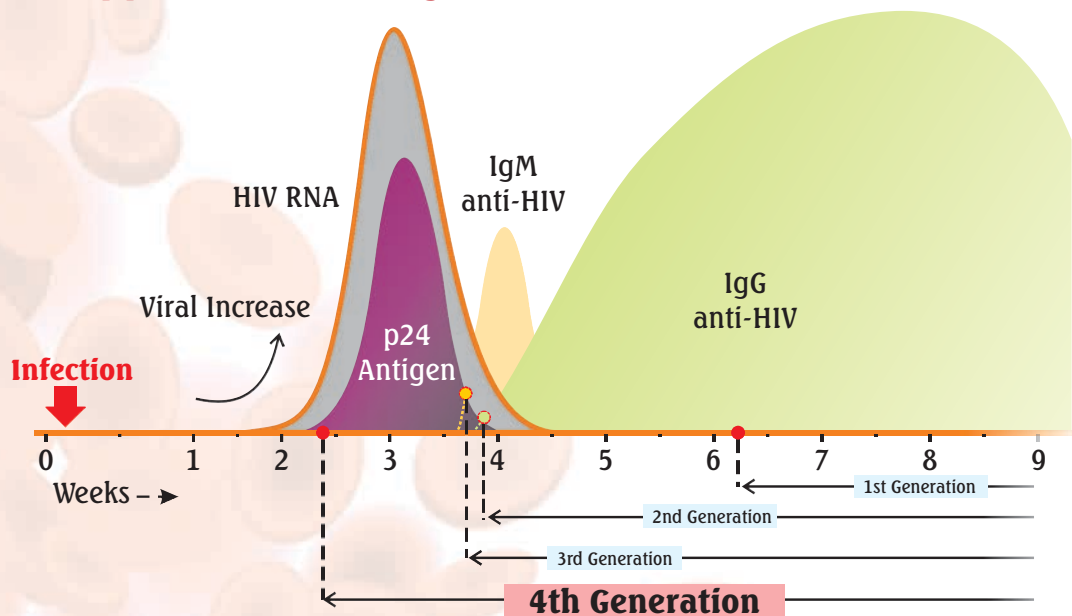
for your Blood Testing Needs.

4th Generation

Microlisa HIV Ag & Ab

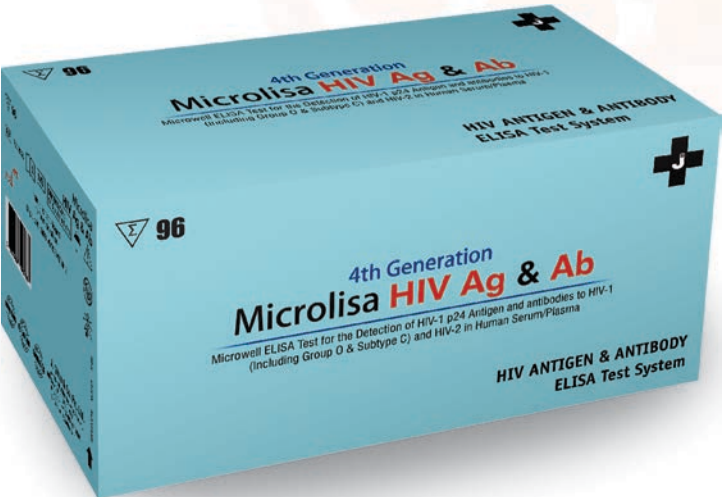
Microwell ELISA Test for the Detection of HIV-1 p24 Antigen and antibodies to HIV-1 (Including Group O & Subtype C) and HIV-2 in Human Serum/Plasma

HIV seroconversion profile illustrating the timing of appearance of diagnostic markers after infection



Significance of HIV p24 antigen along with antibody detection

- P24 is the core protein of HIV and assists in diagnosis of acute infection prior to seroconversion in most infected individuals.
- P24 antigen predicts clinical disease progression in early stage HIV-1 infection & is closely related with CD4 + lymphocyte & HIV-1 RNA level.
- Identification of early infection allows for the perception of early therapy thus decreasing the dissemination of the virus.
- Testing for antigen & antibody are justifiable due to the need to identify individuals with both established & early HIV infections not only within the blood donor population but also in the clinical application.



- Significant Reduction in Window Period by 2 Weeks
- Excellent Sensitivity: **100%*** & Specificity: **100%***
- Analytical Sensitivity: 5.0 IU/ml. (NIBSC Standard 90/636)
- Easy to use on Automated & Semiautomated processor
- Colour Coded reagents to monitor procedural steps
- Shelf Life: 18 Months at 2-8°C

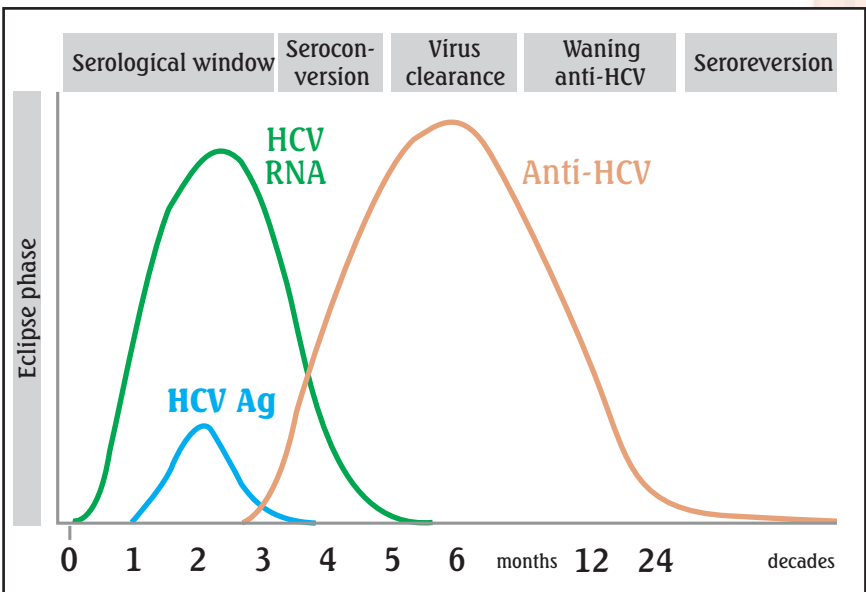
*NIB & NARI - Pune, Evaluated

4th Generation

HCV Gen4 Ag & Ab Microlisa

Microwell ELISA Test for Detection of HCV Core antigen and anti-HCV Core, NS3, NS4 & NS5 antibodies in Human Serum/ Plasma

Approximate Time course of virological and immunological markers of HCV infection



Self-resolving HCV infection

Significance of Core Antigen

- Core antigen is a good surrogate marker for HCV RNA.
- Hepatitis C virus causes chronic liver disease, cirrhosis and hepatocellular carcinoma.
- Detection of HCV core Antigen along with HCV antibodies reduces the window period.
- Early detection leads to early treatment thereby reduces the rate of viral transmission.

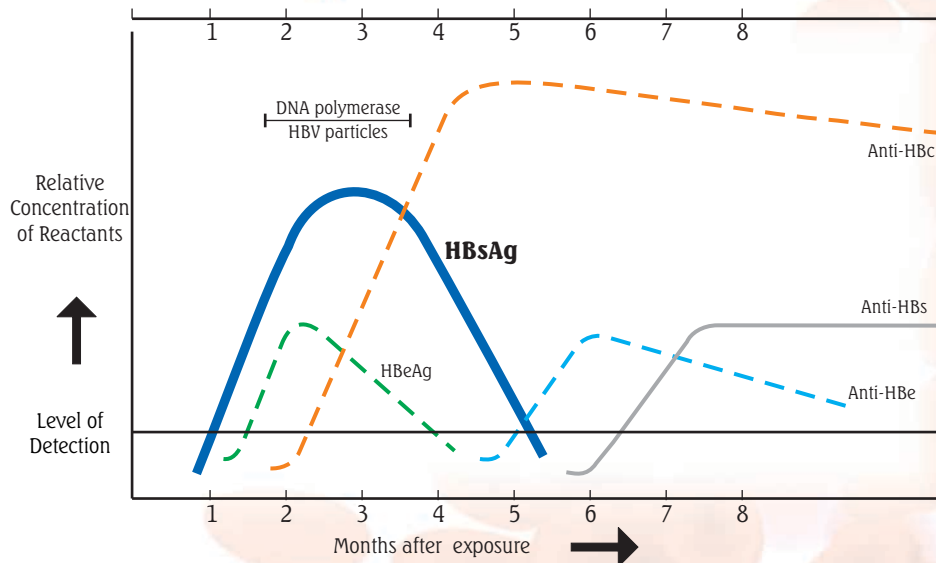


- 4th Generation ELISA Test
- Reduction in Window Period by 5 - 7 weeks
- Detects all (11) HCV Genotypes
- User Friendly Test Procedure with 1 Enzyme Conjugate
- Result within 150 minutes
- Long Shelf Life : 24 months at 2-8°C
- NIB Evaluated with **100% Sensitivity & 100% Specificity**
- Convenient Packsize: 96 Tests
- Indigenously developed kit and hence more suitable for Indian Population.

4th Generation Hepalisa Ultra

Microwell ELISA Test for the Detection of Hepatitis B Surface Antigen (HBsAg) in Human Serum/Plasma

Serological Markers & Clinical Pattern: (During acute HBV infection)



HBsAg: An Ideal Marker

The diagnosis of Hepatitis B virus (HBV) infection was revolutionized by the discovery of Australian antigen, now called Hepatitis B Surface Antigen (HBsAg).

- It is first detected during HBV infection before appearance of symptoms.
- It is the most reliable & universal marker of HBV infection.
- It persists for more than 6 months in carrier & chronic state also produced in large quantities.
- HBsAg carries a highly antigenic determinant. Hence it is also used to make Hepatitis B vaccine.



- 4th Generation HBsAg Detection Kit
- Based on Direct sandwich principle
- Detects all known 11 sub-types of HBV and also mutant strains
- Analytical Sensitivity: **0.05 ng/ml**
- Ready to use conjugate
- Easy Interpretation of results
- Long Shelf Life 24 months. Storage at 2-8°C
- Excellent Specificity

Also Connect with us on:



For further enquiries, Please contact:

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