

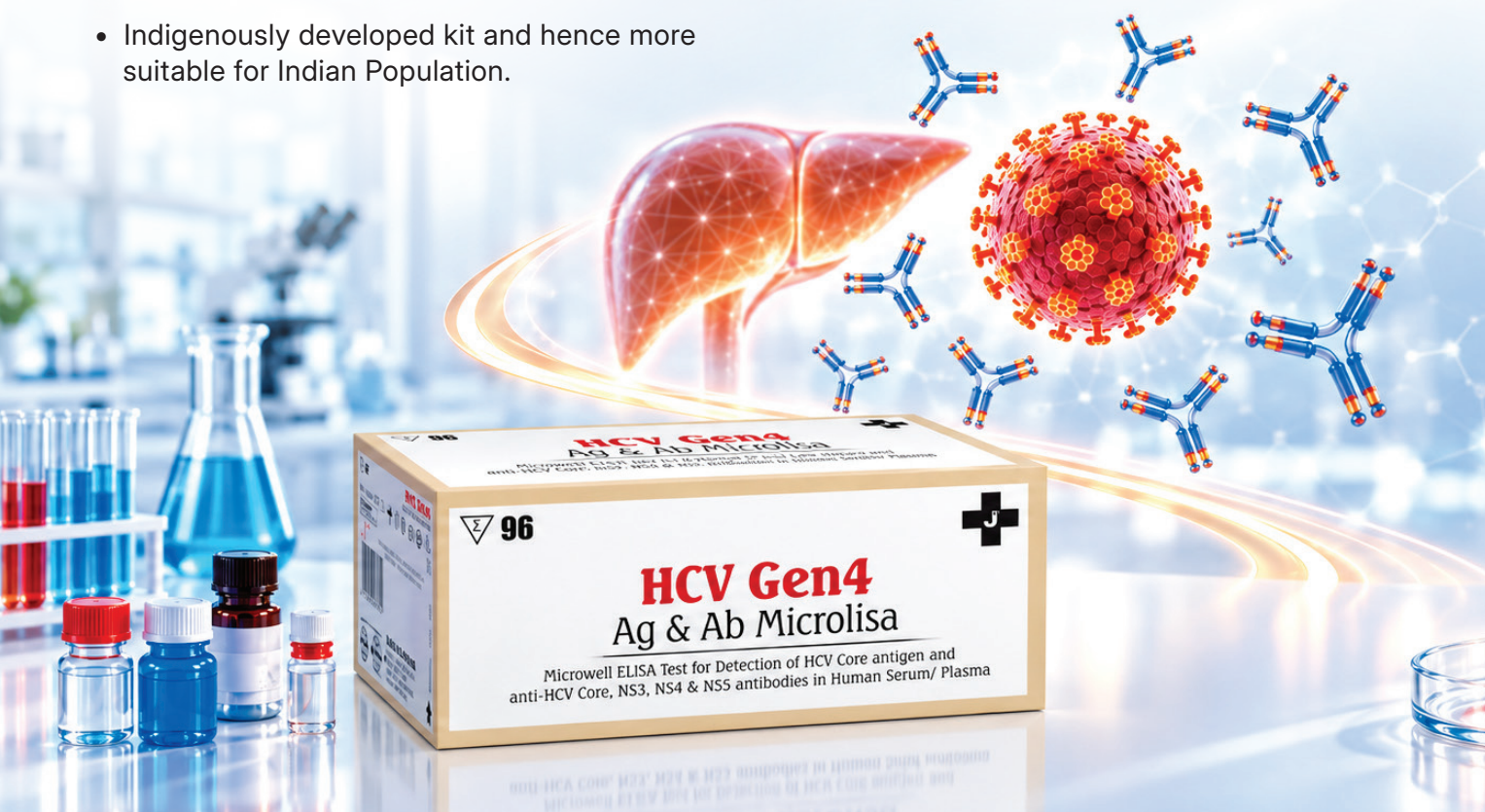
4TH GENERATION

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

Salient Features

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



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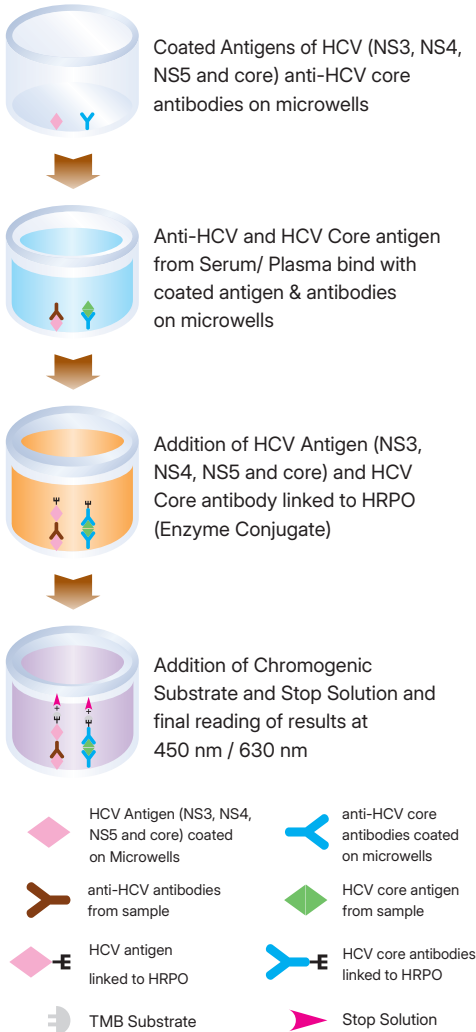
Significance of Core Antigen

- 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 reducing the rate of viral transmission.

Test Procedure

Add 100 µl Sample Diluent in each well																																																																		
Add 50 µl Negative Control in A1, PC-1 in B1, C1, D1 well and PC-2 in E1 well. Add 50 µl of sample in each well starting from F1																																																																		
Cover the plate and incubate for 90 minutes at 37°C																																																																		
Wash (5 cycles)																																																																		
Prepare working conjugate solution (11X)	<table><tr><td>No. of strip</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr><tr><td>Enzyme Conj.</td><td>0.1</td><td>0.2</td><td>0.3</td><td>0.4</td><td>0.5</td><td>0.6</td><td>0.7</td><td>0.8</td><td>0.9</td><td>1.0</td><td>1.1</td><td>1.2</td></tr><tr><td>Conc. (ml)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Conjugate</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr><tr><td>Diluent (ml)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	No. of strip	1	2	3	4	5	6	7	8	9	10	11	12	Enzyme Conj.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	Conc. (ml)													Conjugate	1	2	3	4	5	6	7	8	9	10	11	12	Diluent (ml)												
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Add 100 µl working substrate																																																																		
Incubate in dark for 30 minutes at room temperature																																																																		
Add 100 µl Stop Solution and read and wait for 3 minutes. Read results at 450 nm/630 nm																																																																		

Result Interpretation



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