

Chikungunya IgM Microlisa

Microwell ELISA Test for the Qualitative Detection of Chikungunya Specific IgM antibody in Human Serum/Plasma

Salient Features

- Based on "MAC Capture ELISA"
- Results within 105 minutes
- Excellent Sensitivity: 99.35%
Specificity: 99.93%
- Easy to use on Automated & Semiautomated Processor
- Colour Coded reagents to monitor procedural steps
- Long Shelf Life: 24 months at 2-8°C
- Unique Break-away wells provided in 24 test pack
- Convenient Pack Size: 96 Tests



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service information

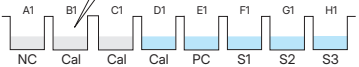
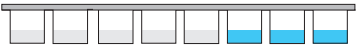
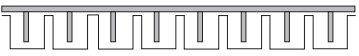


Since 1969

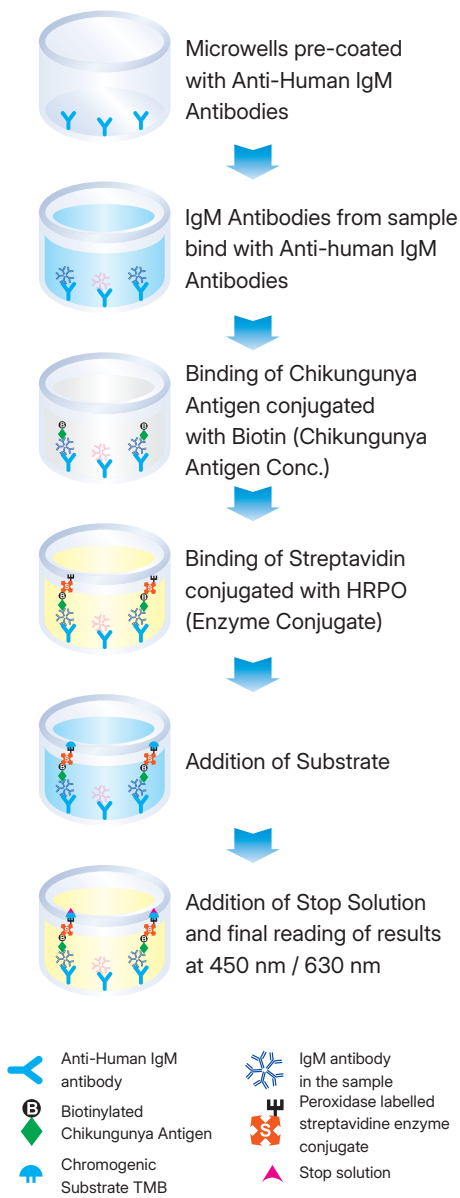
J. Mitra & Co. Pvt. Ltd.

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Test Procedure

Dilute sample (1:100) sample 5 µl + sample diluent 500 µl																																																					
Add 50 µl control, calibrator & diluted sample in respective wells.																																																					
Cover the plate and incubate for 30 minutes at 37°C																																																					
Wash (5 cycles)																																																					
Prepare Working Antigen (Add 1.5 ml of Antigen Diluent in 1 vial of Lyophilized Chikungunya Antigen)																																																					
Add 50 µl working antigen in each well																																																					
Cover the plate and incubate for 30 minutes at 37°C																																																					
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Add 50 µl Enzyme Conjugate (Ready to use) in each well																																																					
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Prepare working substrate solution	<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>TMB</td><td>0.5</td><td>1.0</td><td>1.5</td><td>2.0</td><td>2.5</td><td>3.0</td><td>3.5</td><td>4.0</td><td>4.5</td><td>5.0</td><td>5.5</td><td>6.0</td></tr><tr><td>Substrate (ml).</td><td>0.5</td><td>1.0</td><td>1.5</td><td>2.0</td><td>2.5</td><td>3.0</td><td>3.5</td><td>4.0</td><td>4.5</td><td>5.0</td><td>5.5</td><td>6.0</td></tr><tr><td>TMB Diluent (ml).</td><td>0.5</td><td>1.0</td><td>1.5</td><td>2.0</td><td>2.5</td><td>3.0</td><td>3.5</td><td>4.0</td><td>4.5</td><td>5.0</td><td>5.5</td><td>6.0</td></tr></table>	No. of strip	1	2	3	4	5	6	7	8	9	10	11	12	TMB	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	Substrate (ml).	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	TMB Diluent (ml).	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
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Add 75 µl working substrate in each well																																																					
Incubate in dark for 15 minutes at room temperature																																																					
Add 100 µl Stop Solution and read result at 450 nm/630 nm.																																																					

Result Interpretation



Performance Characteristics

The kit has been evaluated with a known panel of Chikungunya IgM Negative & Positive samples and also the cross reacting samples.

Following are the results of in-house evaluation: Sensitivity: 99.35% & Specificity: 99.93%



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