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|  | <h2>ELISA for the detection of antibodies to HIV1 &amp; 2</h2>  |
| <b>Application</b>  | For detection of antibodies to HIV1 & 2 in human serum/plasma   |
| <b>Principle</b>  | Enzyme Linked Immunosorbent Assay (ELISA)   |
| <b>Sensitivity</b>  | 100%  |
| <b>Specificity</b>  | 99.9%   |
| <b>Reagents</b>   | <ul style="list-style-type: none"> <li>• 3 x 8 Breakable microwells strips, coated with synthetic peptides representing both HIV1 and HIV2. Ready to use.</li> <li>• <b>Conjugate:</b> Agglutinating sera for Human IgG-HRPO (Horse Radish Peroxidase) (50X) to be diluted 50 times with conjugate diluent.</li> <li>• <b>Conjugate diluent:</b> Buffered solution containing stabilizing proteins and preservatives. Ready to use.</li> <li>• <b>Sample diluent:</b> Buffered solution containing stabilizing proteins and preservatives. Ready to use.</li> <li>• <b>Substrate:</b> Solution containing Tetramethyl benzidine(TMB) and hydrogen peroxide. Ready to use.</li> <li>• <b>Wash buffer:</b> Buffer contains surfactants (20 X). To be diluted 20 times with distilled or deionized water.</li> <li>• <b>Stop solution:</b> Diluted acid. Ready to use.</li> <li>• <b>Positive Control:</b> Inactivated and stabilized human serum reactive for HIV-1 and non-reactive for HCV &amp; HBsAg with preservatives.</li> <li>• <b>Negative control:</b> Inactivated and stabilized human serum non-reactive for HIV-1 and HIV-2, HCV &amp; HBsAg.</li> </ul> |
| <b>Test duration</b>  | 90 minutes  |
| <b>Storage / Stability</b>  | 2-8°C, 12 months  |

| Presentation  | Pack     | Cat.No.  |
|---|----------|----------|
| <b>QUALISA HIV1&amp;2</b> kit contains,<br>• Microwell strips | 96 Tests | 40503096 |

|                             |           |          |
|-----------------------------|-----------|----------|
| (3 x 8 wells/pouch)         | 192 Tests | 40503192 |
| • Reagents<br>• Accessories | 480 Tests | 40503480 |

