



Third generation ELISA for the detection of antibodies to *Treponema pallidum*

Application	For detection of total antibodies to <i>Treponema pallidum</i> in human serum/plasma.
Principle	Enzyme Linked Immunosorbent Assay (ELISA)
Sensitivity	100%
Specificity	99.71%
Reagents	<p>Coated Microwells: Microwells are coated with recombinant 47 Kd and 17 Kd antigens.</p> <p>Positive control: Inactivated and stabilized human serum reactive for <i>Treponema pallidum</i> antibodies, non reactive for HIV, HCV and HBsAg with preservatives.</p> <p>Negative control: Inactivated and stabilized human serum non reactive for <i>Treponema pallidum</i> HIV, HBsAg and HCV.</p> <p>Conjugate: <i>Treponema pallidum</i> antigens-HRP conjugate (25X): To be diluted 25 times with conjugate diluent.</p> <p>Conjugate diluent: Buffered solution containing stabilizing proteins and preservatives.</p> <p>Substrate: Solution containing Tetramethyl benzidine (TMB) and hydrogen peroxide. Ready to use.</p> <p>Wash Buffer: Buffer containing surfactants (20X). To be diluted 20 times with distilled or deionized water.</p> <p>Stop solution: Diluted hydrochloric acid. Ready to</p>

	use
Test duration	90 minutes
Storage / Stability	2-8°C, 12 months

Presentation	Pack	Cat.No.
TREPOLISA 3.0 kit contains, <ul style="list-style-type: none"> • Microwell strips (1 x 8 wells/strip and 3 strip/pouch) • Reagents • Accessories 	24 Tests	40803024
	48 Tests	403010048
	96 Tests	40803096
	192 Tests	40803192
	480 Tests	40803480

