

Trepolisa 3.0

3rd generation ELISA for Treponemal Antibodies

Intended Use: _____

Trepolisa 3.0 is intended to be used for the detection of total antibodies (i.e., IgG, IgM, IgA etc.) to *Treponema pallidum* in human serum or plasma.

Trepolisa 3.0 Kit Components:

Coated Microwells	96 microwells (12 X 8 wells) are coated with recombinant 47 Kda and 17 Kda antigens
Positive Control	Inactivated and stabilized human serum reactive for <i>Treponema pallidum</i> antibodies, non reactive for HIV, HCV and HbsAg with preservatives
Negative Control	Inactivated and stabilized human serum non reactive for <i>Treponema pallidum</i> , HIV, HBsAg and HCV
Conjugate	<i>Treponema pallidum</i> antigens - HRP conjugate (25 X), to be diluted 25 times with conjugate diluent
Conjugate Diluent	Buffered solution containing stabilizing proteins and preservatives. Ready to use
Substrate	Solution containing Tetramethyl benzidine (TMB) and hydrogen peroxide. Ready to use
Wash Buffer	Buffer containing surfactants (20 X), to be diluted 20 times with distilled or deionized water
Stop Solution	Diluted hydrochloric acid. Ready to use
Other Accessories	Microwell holder, Instructions for use, Plate sealer, ELISA protocol sheet and Package Insert

Performance Characteristics:

Sensitivity: 100%	Specificity: 100%
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FEATURES	BENEFITS
Uses a cocktail of highly immunodominant recombinant antigens - 47 Kda and 17 Kda	Excellent detectability and specificity Detects at all stages of syphilis
Double antigen sandwich system	Detects all antibodies to syphilis i.e., IgG, IgM and IgA, and enables earlier detection
DHS ³ technology	High detectability particularly in low titre samples High thermal stability Long-use life
Extremely reliable	Good correlation with other licensed ELISAs and TPHA Approved by DCGI

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	12 Months
Opened kit	2-8°C	8 Months

Available Pack Sizes	
24 Tests	96 Tests
192 Tests	480 Tests