

## Trepolisa 3.0

### 3<sup>rd</sup> 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:**

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

**Performance Characteristics:**

<b>Sensitivity:</b> 100%	<b>Specificity:</b> 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 <sup>3</sup> 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