

Bio-Rad Laboratories
Safety from Blood Bank to Diagnostic

Syphilis

EIA II / TPHA / RPR / VDRL

*We always have a solution
that fits your particular need*

BIO-RAD

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Syphilis

EIA / TPHA / RPR / VDRL

Syphilis TPHA

Assay Results in 45 Minutes

- Qualitative and quantitative *haemagglutination* test performed in *U-well plates*
- Ready-to-use reagents with all reagents included in the kit
- Result in 45 minutes
- Easy reading and interpretation
- Long shelf life

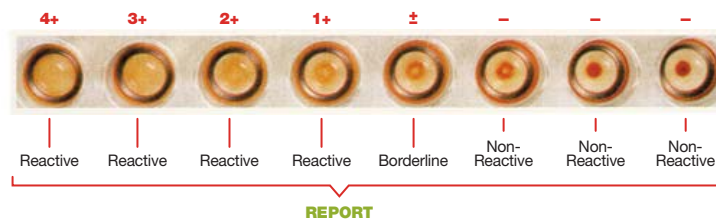
Highly Robust and Specific

2900 donor sera have shown 100% specificity with less than 0.1% initial reactive rate.

Excellent Sensitivity

110/110 (100%) positive results (samples from various stages of infection).

Easy to Report Results



Non-Treponemal Products

RPR 100/500 Tests

- Carbon particles coated with cardiolipin antigen
- An 8 minute *agglutination* test performed on *test cards*



V.D.R.L. Latex

- Cardiolipin antigen with latex
- A 10 minute *agglutination* test performed on Kline Plate

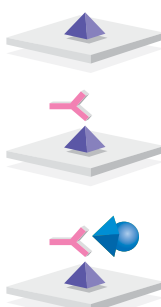


A complete Syphilis range to answer multiple testing strategies

Syphilis Total Antibody EIA

Reliable Results with a Simple Procedure

Test Format

- 1**
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- Plate coated with three recombinant antigens
 - Dispense 50µl of controls and samples
 - Dispense 50µl of conjugate
 - Incubate for 30 minutes at 37°C

Deposition Proof

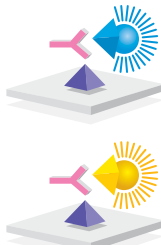
Color of well BEFORE dispensing Color of well AFTER dispensing



Yellow: Sera, negative control – Red: positive control



WASH

- 2**
- 
- Dispense 50µl of TMB substrate
 - Incubate for 30 minutes at room temperature (18-30°C) in the dark
 - Dispense 50µl of stop solution



READ at 450/620-690 nm

* Reactive samples

Designed to Offer Excellent Performance

Appropriate Format

- One-step Sandwich assay
- Only 2 x 30 minutes for incubation
- Solid Phase/Conjugate: recombinant proteins
- Colored and ready-to-use reagents except Wash solution
- Deposition proof for samples and reagents
- Barcode on reagents

Specificity

- Specificity over 99.5% on 2 864 samples.

Sensitivity

- Sensitivity of 100% with 310 positive samples from various stages of infection

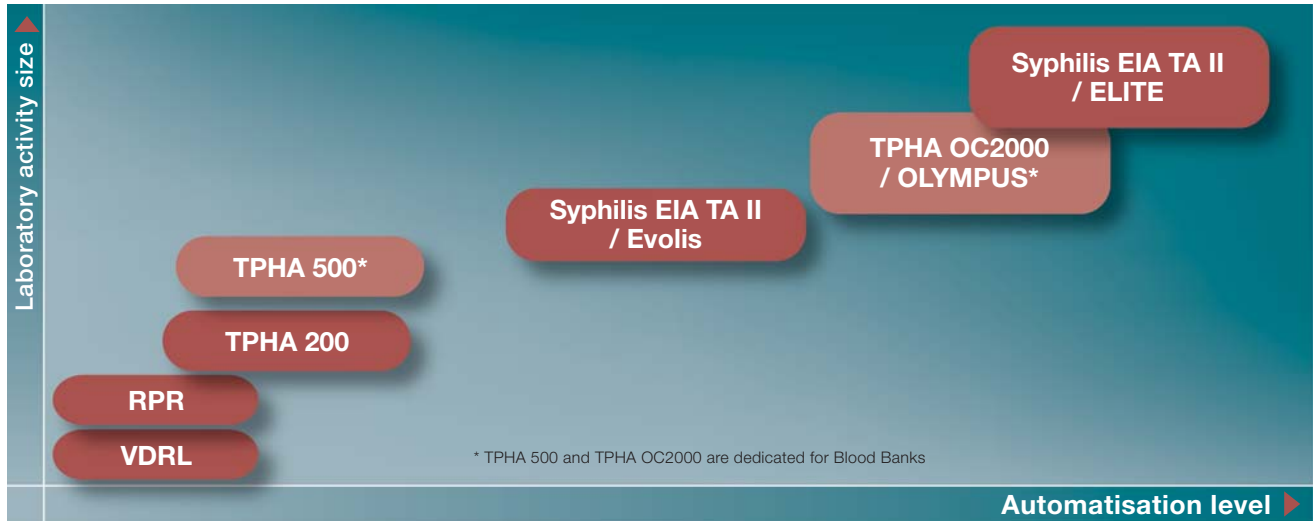
Analytical Sensitivity

- ≥ 0.0016 IU/ml of anti-treponemal antibody
by testing dilutions of the First International Standard for SYPHILITIC SERUM, HUMAN: NIBSC, Potters Bar, UK.



Bio-Rad Syphilis line

The solution to your particular needs



Ordering Information

Catalog No. Description

EIA

72518	Syphilis EIA Tab II	96 tests
72519	Syphilis EIA Tab II	480 tests

TPHA

72501	TPHA 200*	200 tests
72502	TPHA Screening 500*	500 tests
72507	TPHA Olympus 2000*	2000 tests

* Ask for availability in your country.

RPR

72505	RPR 100*	100 tests
72506	RPR 500*	500 tests

* Ask for availability in your country.

VDRL

52675	V.D.R.L. Latex	2 x 3 ml
52680	Positive Control Serum (Rabbit)	1 x 1 ml
76751	Positive Control Serum (Human)	4 x 1 ml

Accessories (Complementary accessories for TPHA products)

83378	U-Well Plates	5 plates
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Bio-Rad
Laboratories

For further information, please contact the Bio-Rad office nearest you or visit our website at www.bio-rad.com.

Clinical
Diagnostics Group

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Czech Republic 420-2-41430532 China 86-21-63052255 Denmark 45-4452-1000 Finland 358-9-804-22-00 France 33-1-4795-6000 Germany 49-89-31884-0 Hong Kong
852-2789-3300 India 91-124-6398112 Israel 972-3-9514127 Italy 39-02-216091 Japan 81-3-5811-6290 Korea 82-2-3473-4460 Latin America 305-894-5950 Mexico 5255-5534-2552
The Netherlands 31-318-540666 New Zealand 64-9-415-2280 Norway 47-23-38-41-30 Poland 48-22-331-99-99 Portugal 351-21-472-7700 Russia 7-095-721-14-00
Singapore 65-6272-9877 South Africa 27-11-442-85-08 Spain 34-91-590-5200 Sweden 46-8-555-127-00 Switzerland 41-61-717-95-55 Thailand 662-651-8311
United Kingdom 44-208-328-2000