

Looking for an accurate TPHA test? : and an incubation time of only 45 minutes? Wellcosyph HA has been developed specifically to reduce your TPHA turnaround time ... / Wellcome Diagnostics, a division of the Wellcome Foundation Limited, Temple Hill, Dartford, England ...

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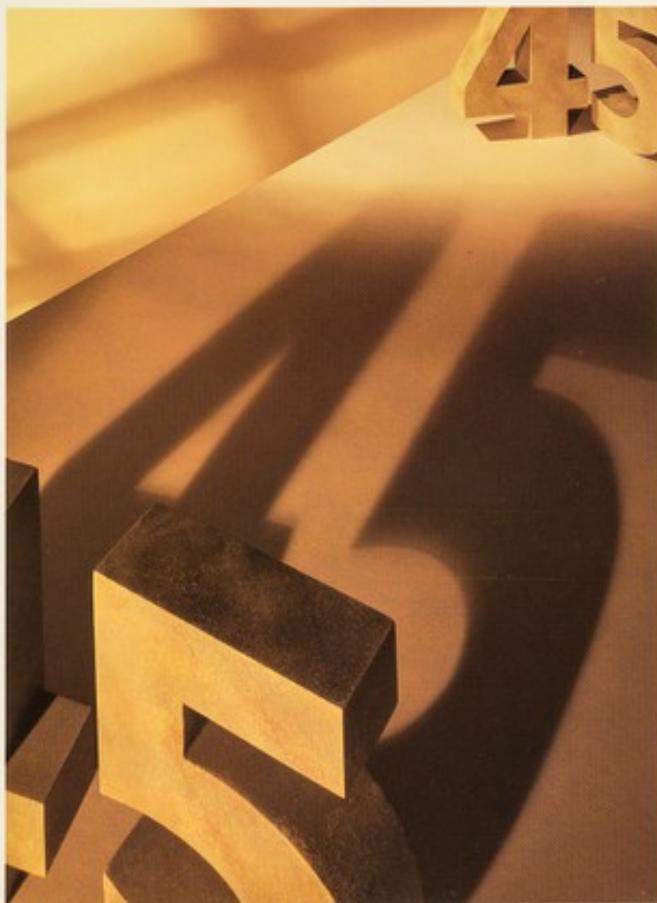
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Looking for an accurate TPHA test?

...and an incubation time of only 45 minutes?



Wellcosyph HA has been developed specifically to reduce your TPHA turnaround time:

- a 45-minute incubation provides accurate results in under one hour
- convenient, ready-to-use reagents

PLUS PERFORMANCE

Wellcosyph HA produces high quality performance every time:

- especially formulated reagents are supported by impressive clinical trial results (see over)
- haemagglutination patterns are easy to read and interpret

PLUS ECONOMY

Wellcosyph HA has the added benefit of economy:

- liquid, stable reagents reduce wastage



Wellcosyph HA – Test principle

The new Wellcosyph HA test detects human serum antibodies to *Treponema pallidum* by a proven indirect haemagglutination (IHA) method. Preserved avian erythrocytes are coated with antigenic components of *T. pallidum*. These test cells agglutinate in the presence of specific antibodies to *T. pallidum* and show characteristic patterns in microtitration plates. Any non-specific reactions can be detected using the control cells supplied.

Clinical trial results

Wellcosyph HA has been evaluated in two blood transfusion centres and four clinical (serology) laboratories. Samples were tested with Wellcosyph HA and another commercially available TPHA test. All reactive sera were confirmed by FTA-ABS and/or clinical diagnosis.

Blood Transfusion Centre results

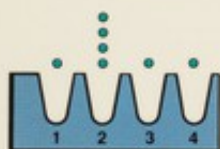
2009 donors
specificity 99.7%

Clinical (Serology) Laboratory results

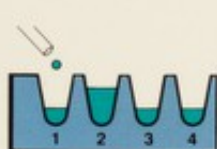
1457 clinical samples
sensitivity 98.7%
specificity 99.4%

Agreement with the alternative TPHA test
99.7%

Qualitative/screening test

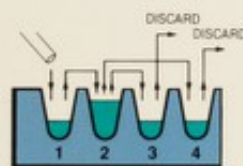


1. Pipette 25 µl volumes of diluent as shown.



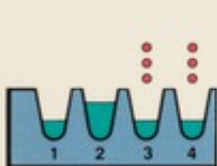
1/2 DILUTION

2. Add 25 µl serum to well 1.



DILUTION 1/10 1/20 1/20 1/20

3. Mix and transfer 25 µl volumes as shown.



FINAL DILUTION Control Well 1/80 Test Well 1/80

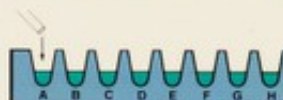
- Pipette 75 µl of Control Cells to well 3 and 75 µl of Test Cells to well 4.
- Mix the contents of the plate thoroughly.
- Incubate 45-60 minutes at room temperature.
- Read results.

Quantitative test

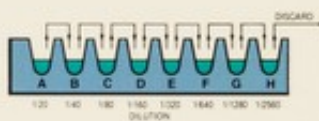
- Pipette 25 µl volumes of diluent as shown.



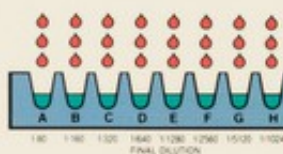
- Pipette 25 µl serum dilution from well 2 (screening test) into well A.



- Perform 25 µl serial dilutions as shown.



- Pipette 75 µl of Test Cells as shown.



- Mix the contents of the plate thoroughly.
- Incubate 45-60 minutes at room temperature.
- Read results.

Wellcosyph HA (200 screening tests or 28 quantitative tests).

Product code VD34

Other products available for STD diagnosis from Wellcome Diagnostics

VDRL Carbon Antigen

VD24 and VD25

Enhances the visual difference between positive and negative reactions in tube and slide flocculation tests for syphilis.

Syfacard-R

VD32 and VD33

A qualitative and quantitative RPR (Rapid Plasma Reagin) card test for syphilis.

Wellcozyme HSV

WZ02 and WZ03

A rapid EIA for the direct detection of Herpes simplex virus types 1 and 2 from swab specimens, and the Wellcozyme HSV Confirmatory kit.



Wellcome Diagnostics

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