



ACCURATE ANSWERS TO DIFFICULT QUESTIONS

DETERMINE™ SYPHILIS TP TEST

Rapidly Diagnose Syphilis at
the Point of Care

The Determine™ Syphilis TP test empowers healthcare providers at the point of care to gain accurate and reliable results in just 15 minutes for the detection of antibodies to *Treponema pallidum*, enabling patients to be tested and treated in the same visit.

RAPID

- Accurate and reliable results in just 15 minutes, allowing testing and treatment in the same visit
- Easy-to-use, rapid, *in vitro* qualitative immunoassay

CONVENIENT

- Easy to transport and store, no refrigeration required and storage conditions of 2°C–30°C
- No power or water source needed to run the test

FLEXIBLE

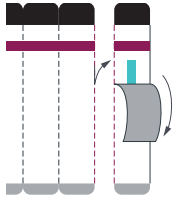
- The test can use whole blood, serum or plasma samples
- Collection can be by fingerstick or venipuncture



PROCEDURE

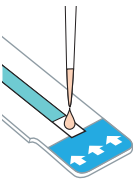
1 PREPARE TEST

Tear one strip from the right and remove cover.

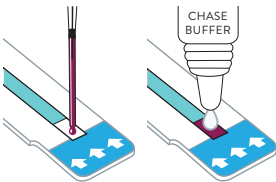


2 ADD SAMPLE

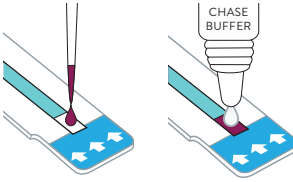
Plasma or Serum
Add 50 µL of serum or plasma to the sample pad and wait 15 minutes.



Fingerstick Whole Blood
Add 50 µL of whole blood to the sample pad. When all the blood is absorbed into the sample pad, immediately apply one drop of chase buffer to the sample pad.





Venipuncture Whole Blood
Add 50 µL of whole blood (precision pipette) to the sample pad. Wait 1 minute and add one drop of chase buffer.









3 READ RESULTS

Wait 15 minutes and read the results.



RESULT KEY

| LINE | POSITIVE | NEGATIVE | INVALID |
|---------|--|---|---|
| CONTROL |  |  |  |
| PATIENT |  |  |  |

Refer to the User Guide and Product Insert for complete instructions.

100% SENSITIVITY COMPARED TO LAB TESTS

A total of 600 serum, specimens were tested by the Determine™ Syphilis TP assay and two other commercially available laboratory tests.

The superior performance of Determine Syphilis TP assay has been proven in several studies.¹⁻⁴

SPECIFICITY AND SENSITIVITY OF DETERMINE™ SYPHILIS TP FOR DETECTION OF SYPHILIS

| | POPULATION | DETERMINE™ SYPHILIS TP | TEST A (TPPA)* | TEST B (TPHA)** |
|-------------|--------------|------------------------|----------------|-----------------|
| Specificity | Non-syphilis | 100% | 100% | 100% |
| Sensitivity | Syphilis | 100% | 97.73% | 94.32% |

ORDERING INFORMATION

| KIT CONTENTS | SAMPLE TYPE | KIT SIZE | PRODUCT CODE |
|-----------------------------------|-------------------------------|-----------|--------------|
| Determine Syphilis TP (CE marked) | Serum, Plasma, Whole Blood*** | 100 tests | 7D2443 |
| Determine Syphilis TP (CE marked) | Serum, Plasma, Whole Blood*** | 30 tests | 7D2442 |

| ACCESSORIES | KIT SIZE | PRODUCT CODE |
|---|-----------|--------------|
| EDTA Capillary Tubes (Non-CE marked) | 100 Tests | 7D2222 |
| EDTA Capillary Tubes (CE marked) | 100 Tests | 7D2227 |
| Chase Buffer (CE marked) for Whole Blood*** | 100 Tests | 7D2243 |

**Treponema pallidum* particle agglutination assay (TPPA).
***Treponema pallidum* hemagglutination assay (TPHA).
***For whole blood application, please order chase buffer.

TO LEARN MORE, CONTACT YOUR LOCAL ABBOTT REPRESENTATIVE OR VISIT [GLOBALPOINTOFCARE.ABBOTT](https://globalpointofcare.abbott)

T: 1800 622 642 (free call AU) | T: 0800 466 951 (free call NZ) | T: +61 7 3363 7100 | rapiddx.ANZ.enquiries@abbott.com

1. Zhuang Y, et al. Evaluation of the Determine Syphilis TP assay for the detection of antibodies against *Treponema pallidum* for the serodiagnosis of syphilis. *European Journal of Clinical Microbiology and Infectious Disease*. 2011;31(6):929-935.
2. Li J, et al. Clinical evaluation of four recombinant *Treponema pallidum* antigen based rapid diagnostic tests for syphilis. *Journal of The European Academy of Dermatology and Venereology*. 2009;23(6):648-650.
3. Mabey D, et al. Prospective, multi-centre clinic-based evaluation of four rapid diagnostic tests for syphilis. *Sexually Transmitted Infections*. 2006;82(5):v13-v16.
4. Diaz T, et al. Evaluation of the Determine Rapid Syphilis TP Assay Using Sera. *Clinical and Diagnostic Laboratory Immunology*. 2004;11(1):98-101.

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