

## Syphilis test



**Syphilis Test** is a qualitative membrane device based immunoassay for the detection of TP antibodies (IgG and IgM) in whole blood, serum or plasma. In this test procedure, recombinant Syphilis antigen is immobilized in the test line region of the device. After a specimen is added to the specimen well of the device, it reacts with Syphilis antigen coated particles in the test. This mixture migrates chromatographically along the length of the test strip and interacts with the immobilized Syphilis antigen. The double antigen test format can detect both IgG and IgM in specimens. If the specimen contains TP antibodies, a coloured line will appear in the test line region, indicating a positive result. If the specimen does not contain TP antibodies, a coloured line will not appear in this region, indicating a negative result.

Active ingredient: [Syphilis Test](#)

Disease(s): Syphilis

### Syphilis test 1mg

|          | Per device | Per Pack       | Order                       |
|----------|------------|----------------|-----------------------------|
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## Syphilis Rapid Test Device

### What is this product?

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### What facts should I know about this test?

- The Syphilis Test is a rapid chromatographic immunoassay for the qualitative detection of antibodies (IgG and IgM) to *Treponema Pallidum* (TP) in whole blood, serum or plasma to aid in the detection of Syphilis. It is intended for professional in vitro use only. In the United States, this kit is intended for Research Use Only.
- *Treponema Pallidum* (TP) is the causative agent of the venereal disease Syphilis. TP is a spirochete bacterium with an outer envelope and a cytoplasmic membrane.
- Relatively little is known about the organism in comparison with other bacterial pathogens. According to the Center for Disease Control (CDC), the number of cases of Syphilis infection has markedly increased since 1985.
- Some key factors that have contributed to this rise include the crack cocaine epidemic and the high incidence of prostitution among drug users.
- One study reported a substantial epidemiological correlation between the acquisition and transmission of the HIV virus and Syphilis.

