

Treponema Pallidum Antibody Syphilis Rapid Test Kit (Colloidal Gold Chromatography)

Product Name

Treponema Pallidum Antibody Syphilis Rapid Test Kit (Colloidal Gold Chromatography)

Intended Use

Used for the qualitative detection of Treponema Pallidum antibody in serum/plasma.

Test Principle

The test kit uses colloidal gold as a direct marker, uses the principle of double antigen sandwich method for qualitative detection of Treponema Pallidum antibody in blood.

Main Components

Sample pad, colloidal gold marked pad, nitrocellulose membrane, absorbent paper and PVC board.

Specimen Requirement

1. Samples collected by venous conventional methods, test samples must be collected with a clean container, can be used anticoagulant heparin, EDTA, sodium citrate, sodium oxalate.
2. After collection, separate the serum and plasma as soon as possible, in order to avoid hemolysis. (only for serum/plasma test kit)
3. Use fresh specimens. Samples stored at 2-8 °C in refrigerator preferably not more than 3 days, if not tested immediately should be stored at -20 °C.

Storage and Expiry

Store at room temperature 4-30 °C, avoid hot and sunshine, dry place, not frozen, valid for 24 months.

Test Procedure

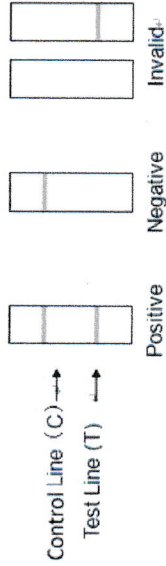
1. Read the instruction manual.
2. Keep the test strip and the specimen back to room temperature to 20-30 °C.
3. Remove the strip from the foil bag, put flat.
4. put one end of the test strip with arrow into the specimen, the interface of specimen do not exceed the marked line, take it out and flat after 3 to 5 seconds.
5. Read the test results in 10-20 minutes. Do not interpret results after 20 minutes.

Interpretation of Result

Positive: Two red band appears in the test area (T) and the control area (C).

Negative: Only a red band appears in the control line (C). There is no red band in the test area (T).

Invalid: Quality control area (C) does not appear a red band, indicating faulty operation or reagent failure.



REQUIREMENTS ON SPECIMEN

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Limitations

1. The test kit is for the qualitative screening, cannot determine the exact content in the samples.
2. Whether the patient is infected, physicians should combine with clinical features and symptoms, and make comprehensive judgments.
3. Because the antibody does not exist or with low concentration, specimens infected in a short time or in the window period, will show negative result.

Attentions

1. Operate according to the infectious disease laboratory procedures.
2. If the aluminum foil bag is broken, the kit is affected with damp, cannot be used.
3. Please use the kit in its expiration. Over the test time, the results are invalid.
4. Hyperlipidemia and jaundice specimens have no effect to the detection results.
5. Slight hemolysis specimens have no effect to the detection results, but serious hemolysis specimens can produce background, impact the observation of test line (T), suggest using other test method.