

Chlamydiae Trachomatis (CTM) IgM Antibody Dot Filtration Rapid Assay Kit

(Colloidal Gold Immunofiltration Assay)

Cat. No.: CHLA 3422

Intended Use

To detect qualitatively Chlamydiae trachomatis (Ct) antibody in human serum.

Principle

This kit employs purified Ct polytypic mixed antigen, and the principle of Gold Immuno-filtration Assay(GIFA) to detect Ct antibody in serum indirectly.

Requirements on Specimen

1. The sample for test must be fresh, clear serum.

Specimen Treatment:

Take venous blood and put it into a clean disposable container without anticoagulant or coagulant; incubate it at 37°C for 20 – 30 minutes, or set it at room temperature for more than 1 hour; centrifuge it at the speed of 4000r/min for at least 5 minutes, and separate the serum for detection.

- In case of not being detected in time, the sample should be stored at -20°C or lower. Dissolve it, centrifugate it, and take the clear serum immediately prior to use. The titer of the antibody in the sample freeze-thawed may be reduced. **All samples must be centrifugated well immediately prior to use and take the clear serum for detection.**

Test Steps

- Take out the kit and put it at room temperature for 20~30 min;
- Dispense 1 drop of Wash Buffer to the test window, waiting for the liquid to wet the membrane well;
- Add 150µl of serum (4 drops if with a sample pipet) into the test window, waiting for the liquid to be absorbed completely;
- Add 3 drops of Colloidal Gold Conjugate into the test window, waiting for the liquid to be absorbed enough;
- Add 3 drops of Wash Buffer into the test window, and interpret the result within 3 minutes immediately after the liquid is absorbed adequately.

Result Judgment

Negative— Only the quality control area(C) shows a red

dot;

Positive— Both the quality control area(C) and the test area(T) show red dots;

Invalid— That a red dot does not present in the quality control area(C) indicates operation faults or reagents invalidation.

Limitations

- The kit can't determine the accurate level of Ct antibody.
- This assay is a qualitative screening test, so it should be connected with other clinical methods and clinical symptoms to determine whether a patient is infected by Ct..

Attentions

- It must be fresh, clear serum not plasma for detection.** A few samples (hyperlipidemia blood, hemolysis, etc.) could deepen the background color, but this generally will not affect the results.
- There must not be time intervals between steps of test; the liquid during one step should be added at one time quickly and adsorbed completely.
- The result observed exceeding stated time is invalid.
- The depth of the dot color in quality control area(C) does not indicate the quality of reagents. Reagents are valid as long as the dot is just clear to identify.
- Colloidal Gold Conjugate Liquid of different products and different lots of one product mustn't be cross-used.
- If the filtration speed is very slow or even no filtration, please retreat the specimen and test again.

Storage and Expiry

- Store at 2~8°C; the expiry is 12 months.
- The kit could be transported at normal temperature for short term. Take protective measures in winter and summer, and avoid freeze-thawing or high temperature for a long term .

Manufacturer:

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