Chlamydia Rapid Test Cassette (Swab/Urine)

A rapid test for the qualitative detection of Chlamydia antigen in female cervical swab, male urethral swab and male urine specimens.

For professional in vitro diagnostic use only.

INTERPRETATION OF RESULTS

POSITIVE: Two lines appear. One colored line should be in the control line region (C) and another apparent colored line should be in the test line region (T). A positive result indicates that Chlamydia was detected.

NOTE: The intensity of the color in the test line region (T) will vary depending on the concentration of Chlamydia antigen in the sample. Therefore, any shade of color in the test line region (T) should be considered positive.

NEGATIVE: One colored line appears in the control line region (C). No line appears in the test line region (T). A negative result indicates that Chlamydia antigen is not present in the sample, or present below detectable level.

INVALID: Control line fails to appear. Insufficient specimen volume or incorrect procedural techniques are possible causes. Repeat the test using a new test strip. Use the test as a control in the new test to determine if the test strip has problem. If the problem persists, discontinue using the test kit immediately and contact your local distributor.

A procedural control is included in the test. A colored line appearing in the control line region (C) is necessary for a valid test result. It confirms sufficient specimen volume, adequate membrane sticking and correct procedural techniques.

The sensitivity and specificity of the Chlamydia Rapid Test Cassette (Swab/Urine) are 97.8% and 99.7% respectively. The results show that Chlamydia Rapid Test Cassette (Swab/Urine) has a high sensitivity relative to PCR.

PRINCIPLES

The Chlamydia Rapid Test Cassette (Swab/Urine) is a rapid, lateral flow immunoassay for the detection of Chlamydia trachomatis in female cervical swab, male urethral swab and male urine. The test, antibody specific to the Chlamydia antigen is coated on the test line region of the test strip. During the testing, the extracted antigen solution reacts with an antibody to Chlamydia that is coated onto particles. The mixture migrates up to react with the antibody to Chlamydia on the membrane and generates a color line in the test region. The presence of this color line in the test line region indicates a positive result. It recent from the absence of a color line in the test line region, indicating that no antigen is present in the sample.

STORAGE AND STABILITY

The Chlamydia Rapid Test Cassette (Swab/Urine) is for professional in vitro diagnostic use onl...