EN

STD rapidtestkits

Step-by-Step Guide:

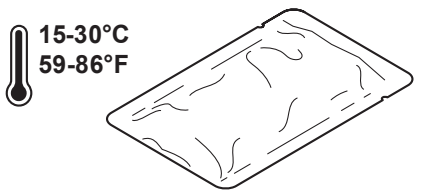
Gonorrhea Antigen Rapid Test Kit

The Gonorrhea Rapid Test Device detects Gonorrhea antigen in clinical specimens using lateral flow immunoassay technology, providing qualitative results within 15 minutes. The test line region is pre-coated with antibodies specific to Gonorrhea antigen. During testing, the extracted antigen solution binds to antibodies conjugated with colored particles. The mixture migrates by capillary action, interacting with membrane-bound reagents.

A colored line in the test region indicates a positive result, while its absence suggests a negative result. A control line confirms proper test function. Though highly accurate, this test detects antigens, not the bacteria itself, and should not be used as the sole diagnostic method.

Precautions & Specimen Collection:
For professional use only. Wear protective gear, handle safely, and follow disposal guidelines. Use whole blood, serum, or plasma. Store at 2-8°C (3 days) or below -20°C (long-term) and bring to room temperature before testing.

Storage:
Store in a sealed pouch at 2-30°C, do not freeze, and use before the expiration date.

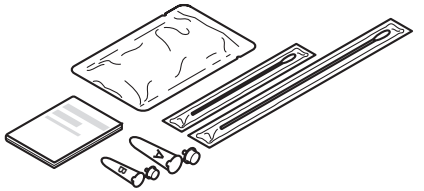


1 Preparation

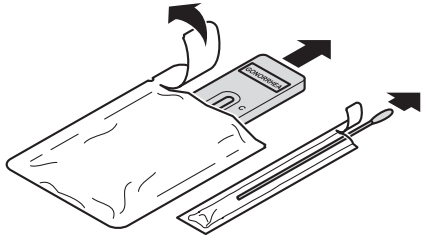
Before starting the test, open the test kit package and take out all components.

Kit Contents:

- Test device (individually packed)
- Extraction tube with buffer A
- Buffer B
- Sterile swabs
- Step-by-Step Guide

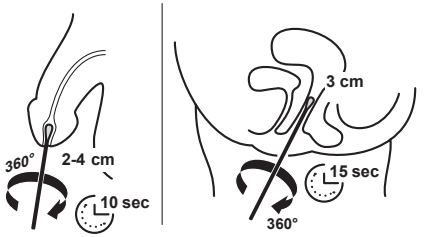


Open the pouch and place the test device on a flat surface

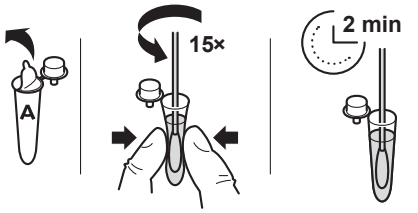


2 Sample Collection

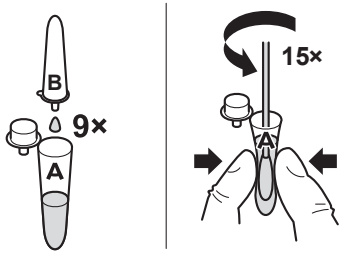
Use the sterile swabs from the kit. **Female**: Insert the long swab into the endocervical canal until most of the tip is hidden. Rotate it 360° in one direction, wait 15 seconds, then remove it. **Male**: Insert the swab into the urethra about 2-4 cm, 360° in one direction, wait 10 seconds, then remove it.



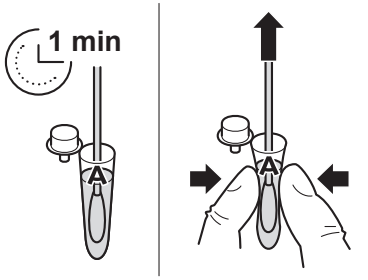
Insert the cervical or urethral swab into the extraction tube with buffer A. Roll it 15 times while pressing against the tube A. Wait for 2 minutes.



Add 9 drops of Buffer B solution into the extraction tube with buffer A. Roll it 15 times while pressing against the tube A.

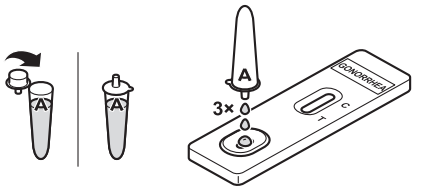


Wait for 1 minute and squeeze out excess liquid as you remove the swab.

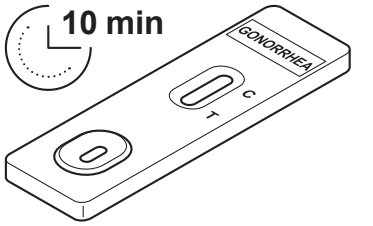


3 Test Procedure

Add 3 drops of the specimen to the sample well.

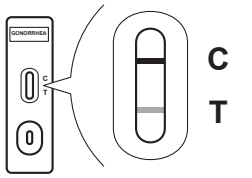


Wait 10 minutes and read the results. Do not interpret after 30 minutes.

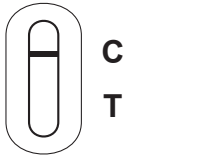


4 Result Interpretation

Positive: If two lines appear at C and T, the result is Gonorrhea Positive. In all positive cases, consult a healthcare professional for further evaluation and guidance.



Negative: Only one line appears at C. No detectable Gonorrhea antibodies. If symptoms persist, repeat the test after the incubation period or consult a healthcare professional for further evaluation.



Note: The intensity of the red color in the test line region (T) may vary depending on the concentration of Gonorrhea antigen presents in the specimen. Therefore, any shade of red in the test region (T) should be considered positive.

Invalid: If no line appears at C, the test did not work correctly and is invalid. Use a new test device and follow the instructions carefully.



Remedium Biotech Solutions, incorporated in Singapore, manufactures rapid test kits for STDrapidtestkits.com, offering accurate, convenient, and discreet at-home STD testing. With over 20 years of experience, we produce ISO 13485, GMP, and CE-certified test kits that deliver reliable results within minutes.

Our test kits are available worldwide, with local distributors ensuring fast and discreet delivery. For accurate results, follow all instructions carefully. Testing too early may result in false negatives, as antibodies may not yet be detectable. If symptoms persist despite a negative result, consult a healthcare professional.

This test is for preliminary screening only and should not replace a professional medical diagnosis. For confirmation, seek testing from a qualified healthcare provider. The manufacturer and distributor are not responsible for any misuse or reliance on test results.

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