



INSTRUCTIONS FOR USE

Gonorrhea Antigen Detection in Swab

Only for professional in vitro diagnostic use

Product Code: TGNH01

BACKGROUND INFORMATION

ly transmitted disease caused by the bac ual intercourse, including vaginal, oral ar called proctitis. With females, it can infe irde. When women have symptoms, the

INTENDED USE

REAGENTS

METHOD

PRECAUTIONS AND LIMITATIONS

- For professional and in vitro diagnostic use only.
 Do not use test kit beyond expiry date. The test device is single use. Do not reuse.
 The test device should remain in its original sealed pouch until usage. Do not use

- n sample.

 swabs to obtain endocervical specimens.
 n case of female swabs and >10 µL in case of
 me female patients should not be collected duri
 is dependent on the number of organisms pre
 assess (STDs), presence of symptoms, etc. Th
 uld be handled as taking capable of transmit
 tandard procedures for proper disposal of sam
 whe presence or absence of Gonorrina anidic

Test device should be kept aw. Store at 4 - 30°C (39 - 86°F). D

SAMPLE COLLECTION AND PREPARATION

Kit components: Test devices, test tubes, droppers, Work station, Additional materials required but not provided: Sterile male ure Additional materials recommended but not provided: Micropip

TEST PROCEDURE

EST PROCEDURE
Take the test device out of its pouch. Bring the tests and samples to room temperature.
Extract the Gonorrhea antipen according to the specimen type.
Extract the Gonorrhea antipen according to the specimen type.
Hold the Reagent A bottle vertically and add 5 full drops of Reagent A (300 µL) to the extraction tube. Reagent A is coloriess. Immediately insert the swab, comp
the bottom of the tube and rotate the swab 15 times. Let stand for 2 minutes.
Hold the Reagent B bottle vertically and add 4 full drops of Reagent B (200 µL) to the extraction tube. The solution will turn turbid. Compress the bottom of tube
rotate the swab 15 times until the solution turns clear with a slight green or blue full. If the swab is bloody, the color will turn yellow or brown. Let stand for 1 minute.
Press the swab against the side of the tube and withdraw the swab. Keeps a much liquid in the tube as possible.
Place the test on a clean and level surface. Add 3 drops of the extracted solution (100 µL) to the specimen well (S) of the test, then start the timer.
old trapping all bubbles in the specimen well (S).
Wait for the colored line(s) to appear. Read the result at 10 minutes. Do not interpret the result after 30 minutes.













Negative: Only one colored line is visible in "C" area, indicating that Gonorrhea antigen does not exist.

Positive: Two colored lines are visible in "C" and "T" areas, indicating that Gonorrhea antigen exists.

Low concentration of Gonorrhea antigen may cause a laint line in "T" area. Even such a faint line in "T" area should be regarded as "po

Invalid: No colored line is visible or only one colored line is visible in "T" area (set should be repeated using a new test device.





have built in procedural quality control features. When the test is complete, the user will see a colored line in the "C area of the test on negative samples and a dine in the "T and "C area on positive samples. The appearance of the control "C" line is considered as in lice many procedural control. This line indicates that ent volume of sample was added as well as valid test result. It is recommended that a negative control and a positive control be used to verify proper test mance as an external control. Users should follow appropriate federal, state and local guidelines concerning the external quality line external quality.

QUALITY CONTROL

PERFORMANCE EVALUATION
Clinical Study
The Gonorrhea Rapid Test Device has been evaluate
Rapid Test Device. Specimens were considered posit
For Female Cervical Swab Specimens:

Gonorrhea Test Device	Results	Positive	Negative	Total Results
	Positive	72	2	74
	Negative	5	83	88
Total Results		77	85	162
Sensitivity: 9 + Pedictive V:	4 % 97,3 %	Specificity - Pedictive	: 98 % V: 94,4 %	

72	2	74
5	83	88
77	85	162

Gonorrhea Test Device	Results	Positive	Negative	Total Results
	Positive	75	2	77
	Negative	7	91	98
Total Results		82	93	175
C (4)(4	00.0/	0	. 00.0/	

Sensitivity: 92 % + Pedictive V: 97,4 %

Intra and Inter Assay
Within-run and Between-run precision have been determined by using Gon
tested each day for 5 consecutive days. The specimens were correctly identif orrhea negative; low, n ed >99% of the time.

Cross-Reactivity
Cross reactivity with other organisms hatested with the Gonorrhea Test Device:

Thacter calcoaceticus ns of 10⁷ Colony Forming Units (CFU)/test. The follow

pp, J.S. et al. Neisseria gonorrhosee. Manual of Clinical Microbiology, Sixth Edition, ASM Press, Washington DC, 324-325 (1995).

There for Disease Control and Prevention. Sexually Transmitted Diseases Treatment Guidelines 2002. Morbidity and Mortality Weekly Report (2002), 51(RR-6) to Bea JR, Sahm DF, Weissfeld AS, Nesseria and Morazella carathrails. Balley & Societ's Diagnostic Microbiology, Tenfic Edition, Mosby, St. Louis, 597-605 (1998) mmany of the Notifiable Diseases, United States, 1998, Morbidity and Mortality Weekly Report (1999), 47(53), 1-38.

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