



Neisseria gonorrhoeae & Chlamydia trachomatis

Test Description

GC and CT is a qualitative assay. Specimens are collected various sites and submitted for testing. Specimens are tested on the Hologic Panther® instrument using the Aptima Combo 2 Assay. This test system utilizes target capture, transcription-mediated amplification (TMA), and dual kinetic assay technologies. Test results are reported as positive, not detected/negative, or indeterminate/inconclusive.

Acceptable Specimens: collection guide and transport conditions

- Endocervical Swab or Male Urethral Swab
 - Temperature: 2-30 °C
 - Specimen Submission: within 60 days
 - Container: Aptima Unisex Swab Specimen Collection Kit for Endocervical and Male Urethral Swab Specimens (Hologic Cat. # 301041)
- Urethral Swab
 - Temperature: 2-30 °C
 - Specimen Submission: within 60 days
 - Container: Aptima Unisex Swab Specimen Collection Kit for Endocervical and Male Urethral Swab Specimens (Hologic Cat. # 301041)
- Urine Specimen
 - Temperature: Temperature: 2-30 °C
 - Specimen Submission: within 30 days
 - Container: Aptima Urine Specimen Collection Kit for Male and Female Urine Specimens (Hologic Cat. #301040)
- Vaginal Swab
 - Temperature: 2-30 °C
 - Specimen Submission: within 60 days
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ALLEGHENY COUNTY PUBLIC HEALTH LABORATORY

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- Container: Aptima Multitest Swab Specimen collection kit (Hologic Cat # PRD-03546)
- Throat Swab
 - Temperature: 2-30 °C
 - Specimen Submission: within 60 days
 - Container: Aptima Multitest Swab Specimen collection kit (Hologic Cat # PRD-03546)
- Rectal Swab
 - Temperature: 2-30 °C
 - Specimen Submission: within 60 days
 - Container: Aptima Multitest Swab Specimen collection kit (Hologic Cat # PRD-03546)

Laboratory Unit

Virology

Methodology

Nucleic Acid Amplification Test

Test Request

Coming Soon

Possible Results:

- Positive
- not detected/negative
- Indeterminate/inconclusive
- Invalid

Reference Range

Not detected/negative

Rejection Criteria

THIS DOCUMENT IS TO BE REGARDED AS THE OFFICIAL ALLEGHENY COUNTY PUBLIC HEALTH LABORATORY TEST LIST. IT IS TO BE MAINTAINED UNDER CHANGE CONTROL BY THE LABORATORY DIRECTOR OR THE LIMS SPECIALIST. Last Updated: 7/26/2024

- Unreadable/missing/insufficient labeling
- Wrong specimen collection kit
- Expired specimen collection kit
- Storage/transportation requirements not met
- Leaking or contaminated specimen transport container
- Quantity not sufficient
- Specimen too old
 - Collected it in acceptable kit but did not submit within appropriate time window
- Improperly collected specimen
- Specimen not inoculated/ no specimen submitted

Result Reported

2-8 days

LOINC Code(s)

- Endocervical Swab
 - 688-2
- Urethral Swab
 - 45075-9
- Urine Specimen
 - 45074-2
- Vaginal Swab
 - 45070-0
- Throat Swab
 - 88225-8
- Rectal Swab
 - 90358-3