



Neisseria gonorrhoeae

Test Description

A specimen is inoculated onto the surface of the culture medium (MTM).

The next business day, specimens are transported from the submitting provider location to the Allegheny County Public Health Laboratory's Lawrenceville site. Upon receipt, the cultures are incubated at 35°C. The culture medium is examined for suspect colonies on the day of receipt (at 24 hours of incubation) and at 48 hours of incubation, (IN TRAYS are up to 72 hours). Typical *N. gonorrhoeae* colonies are streaked for isolation. Identification tests include the oxidase, gram stain, and various confirmatory biochemical tests.

Isolates confirmed as *N. gonorrhoeae* are evaluated for ceftriaxone and cefixime susceptibility using the E-test method and for ciprofloxacin susceptibility using the disk diffusion method. The Etest measures the minimum inhibitory concentration in µg/ml; these results are classified as sensitive and nonsusceptible. The disk diffusion method provides a qualitative result (i.e., sensitive, intermediate, or resistant)

Specimen Collection/Transport conditions

- **Throat Swab**
 - Temperature: Incubated (35 °C)
 - Specimen Submission: 15 min delay (into co2 incubator)
 - Container: non- cotton swab inoculated MTM agar plate and incubated overnight. Specimen should be in a CO2 container with an CO2 indicator
- **Cervical Swab**
 - Temperature: Incubated (35 °C)
 - Specimen Submission: within 2 hours
 - Container: non- cotton swab inoculated MTM agar plate and incubated overnight. Specimen should be in a CO2 container with an CO2 indicator



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- **Urethral swab**
 - Temperature: Incubated (35 °C)
 - Specimen Submission: within 2 hours
 - Container: non- cotton swab inoculated MTM agar plate and incubated overnight. Specimen should be in a CO2 container with an CO2 indicator
- **Rectal swab**
 - Temperature: Incubated (35 °C)
 - Specimen Submission: within 2 hours
 - Container: non- cotton swab inoculated MTM agar plate and incubated overnight. Specimen should be in a CO2 container with an CO2 indicator

Laboratory Unit

Bacteriology

Methodology

Culture

Test Request

Coming Soon

Possible Results:

- Absent
- Present

Reference Range

Absent

Rejection Criteria

- 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

3-7 days

LOINC Code(s)

- Throat swab
 - 696-5
- Cervical Swab
 - 688-2
- Urethral swab
 - 688-2
- Rectal swab
 - 14127-5