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**Reporting Title:** Neisseria gonorrhoeae Amplified RNA**Performing Location:** Mayo Clinic Jacksonville Clinical Lab**Necessary Information:****Specimen source is required.****Specimen Requirements:****Submit only 1 of the following specimens:****Specimen Type:** Endocervix/Cervix**Supplies:** Aptima Unisex Swab Collection Kit (T583)**Container/Tube:** Aptima Unisex Swab**Specimen Volume:** 1 Swab**Collection Instructions:****1. Specimens must be collected using the Aptima Unisex Swab Collection Kit.**

2. Use cleaning swab (white shaft) to remove excess mucus from endocervix/cervix.

3. Discard the cleaning swab.

4. Insert second swab (blue shaft) 1 to 1.5 cm into endocervical canal and rotate swab gently for 30 seconds. Avoid touching vaginal wall when removing swab.

5. Place blue swab into transport tube provided in collection kit.

6. Snap off blue swab at score line so it fits into closed tube.

7. Cap tube securely, and label tube with patient's entire name and collection date and time.

8. Maintain swab container at 2 to 30 degrees C (refrigerate temperature is preferred) and transport within 60 days of collection. If longer storage is needed, freeze at -20 to -70 degrees C for 12 months.

**Specimen Type:** Vaginal**Supplies:** Aptima Multitest Swab Specimen Collection Kit (T584)**Container/Tube:** Aptima Multitest Swab**Specimen Volume:** 1 Swab**Collection Instructions:****1. Specimen must be collected using the Aptima Multitest Swab Specimen Collection Kit.**

2. Insert swab (pink shaft) about 5 cm past introitus and rotate gently for 30 seconds.

3. Place pink swab into transport tube provided in collection kit.

4. Snap off pink swab at score line so it fits into closed tube.

5. Cap tube securely, and label tube with patient's entire name and collection date and time.

6. Maintain swab container at 2 to 30 degrees C (refrigerate temperature is preferred) and transport within 60 days of collection. If longer storage is needed, freeze at -20 to -70 degrees C for 12 months.

**Specimen Type:** Urethra (Males Only)**Supplies:** Swab, Aptima Unisex Swab Collection Kit (T583)**Container/Tube:** Aptima Unisex Swab**Specimen Volume:** Swab**Collection Instructions:****1. Specimen must be collected using the Aptima Unisex Swab Collection Kit.**

2. Patient should not have urinated for at least 1 hour prior to collection.

3. With a rotating movement, insert swab (blue shaft) 2 to 4 cm into urethra.
4. Once inserted, rotate blue swab gently at least 1 full rotation using sufficient pressure to ensure swab comes into contact with all urethral surfaces. Allow blue swab to remain inserted for 2 to 3 seconds.
5. Place blue swab in transport tube provided in collection kit.
6. Snap off blue swab at score line so it fits into closed tube.
7. Cap tube securely, and label tube with patient's entire name and collection date and time.
8. Maintain swab container at 2 to 30 degrees C (refrigerate temperature is preferred) and transport within 60 days of collection. If longer storage is needed, freeze at -20 to -70 degrees C for 12 months.

**Specimen Type:** Urine

**Supplies:** Aptima Urine Transport Tube (T582)

**Container/Tube:** Aptima urine specimen transport tube

**Specimen Volume:** 15 to 20 mL

**Collection Instructions:**

1. Patient should not have urinated for at least 1 hour prior to specimen collection.
2. Patient should collect first portion of random voided urine (first part of stream) into a sterile, plastic, preservative-free container.
3. Within 24 hours of collection, transfer 2 mL of urine into the urine specimen transport tube using the disposable pipette provided. The correct volume of urine has been added when the fluid level is between the black fill lines on the urine transport tube.
4. Place the labels on the transport tube so the black fill lines are still visible for volume confirmation at Mayo Clinic Laboratories.
5. Maintain urine specimen transport tube at 2 to 30 degrees C (refrigerate temperature is preferred) and transport within 30 days of collection. If longer storage is needed, freeze at -20 to -70 degrees C for 12 months.

**Specimen Type:** ThinPrep Specimen (Endocervix/Cervix)

**Supplies:** Aptima Specimen Transfer Kit (T652)

**Container/Tube:** Aptima specimen transfer tube

**Specimen Volume:** 1 mL

**Collection Instructions:**

1. Collect ThinPrep sample as per normal collection process.
2. **ThinPrep specimen must be aliquoted (as outlined below) before it is processed for Papanicolaou testing (Pap smear).**
3. Vortex ThinPrep/PreservCyt vial 3 to 10 seconds.
4. Within 1 minute of vortexing:
  - a. Transfer 1 mL of specimen into the Aptima specimen transport tube using a disposable transfer pipette or a pipette tip containing a filter (aerosol barrier or hydrophobic plug).
  - b. Process only 1 ThinPrep and transfer tube set at a time.
  - c. Recap Aptima Specimen Transfer Tube tightly and gently invert 3 times to mix.
5. Label Aptima specimen transfer tube with appropriate label.
6. Use remainder of ThinPrep specimen for Pap testing.
7. Maintain specimen transport tube at 2 to 8 degrees C (refrigerate temperature is preferred) and transport within 30 days of collection, or within 14 days if stored at 15 to 30 degrees C. If longer storage is needed, freeze at -20 to -70 degrees C for 12 months.

# Test Definition: GCRNA

Neisseria gonorrhoeae, Nucleic Acid  
Amplification, Varies

**Specimen Type:** Oropharynx/Pharynx/Throat

**Supplies:** Aptima Multitest Swab Collection Kit (T584)

**Container/Tube:** Aptima Collection Multitest Swab

**Specimen Volume:** Swab

**Collection Instructions:**

1. Specimens must be collected using Aptima Multitest Swab Specimen Collection Kit.
2. Swab site using Aptima Collection Multitest Swab (pink shaft).
3. Place pink swab in transport tube provided in collection kit.
4. Snap off pink swab at score line so it fits into closed tube.
5. Cap tube securely and label tube with patient's entire name and collection date and time.
6. Maintain swab container at either 4 to 30 degrees C (refrigerate temperature is preferred) or -20 to -70 degrees C, and transport within 60 days of collection.

**Specimen Type:** Rectal/Anal

**Supplies:** Aptima Multitest Swab Collection Kit (T584)

**Container/Tube:** Aptima Multitest Swab

**Specimen Volume:** Swab

**Collection Instructions:**

1. Specimens must be collected using Aptima Multitest Swab Specimen Collection Kit.
2. Insert swab into rectum about 3 to 5 cm past anal margin and gently rotate swab for 10 seconds.
3. Place collection swab in transport tube provided in collection kit.
4. Snap off swab at score line so it fits into closed tube.
5. Cap tube securely and label tube with patient's entire name and collection date and time.
6. Maintain swab container at either 4 to 30 degrees C (refrigerate temperature is preferred) or -20 to -70 degrees C, and transport within 60 days of collection.

**Forms:**

If not ordering electronically, complete, print, and send a [Microbiology Test Request](#) (T244) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)		APTIMA VIAL
	Ambient		APTIMA VIAL
	Frozen		APTIMA VIAL

**Ask at Order Entry (AOE) Questions:**

Test ID	Question ID	Description	Type	Reportable
GCRNA	SRC17	SOURCE:	Plain Text	Yes

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
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Test Definition: GCRNA

Neisseria gonorrhoeae, Nucleic Acid  
Amplification, Varies

SRC17	SOURCE:	Alphanumeric		31208-2
34875	Neisseria gonorrhoeae amplified RNA	Alphanumeric		43305-2

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87591

Reference Values:

Negative