

**NEW TEST – Available Now**

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**Mycoplasma genitalium Detection and Macrolide Resistance by PCR**

3006344, MACRO PCR

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Genital swab, rectal swab, or urine.

**Specimen Preparation:** Transfer swab or 1 mL urine to viral transport media (ARUP supply #12884) available online through eSupply using ARUP Connector contact ARUP Client Services at 800-522-2787.  
Neat urine: Transfer 1 mL of urine to sterile container. (Min: 0.5 mL)

**Transport Temperature:** Frozen

**Unacceptable Conditions:**

**Remarks:** Specimen source required

**Stability:** Ambient: 48 hours; Refrigerated: 10 days; Frozen: 14 days

**Methodology:** Qualitative Polymerase Chain Reaction (PCR)

**Performed:** Sun, Wed

**Reported:** 2-7 days

**Note:**

**CPT Codes:** 87798, 87563

**New York DOH Approval Status:** Specimens from New York clients will be sent out to a New York DOH approved laboratory, if possible.

**Interpretive Data:**

Macrolide drug resistance is predicted based on melt probe analysis. Common resistance associated mutations occur at positions A2058, A2059, and A2062 (E. coli numbering) of the 23S rRNA gene. Other mutations of unknown significance may be detected by this assay, however this was not observed in samples sequenced during assay development and validation. This test is intended for use in conjunction with clinical presentation.

**Reference Interval:**

**HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.**



*A nonprofit enterprise of the University of Utah  
and its Department of Pathology*

Effective Date: **August 21, 2023**