



## Test Definition: URRP

Ureaplasma species, Molecular Detection,  
PCR, Varies

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**Reporting Title:** Ureaplasma PCR

**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

**Necessary Information:**

**Specimen source is required.**

**Specimen Requirements:**

The high sensitivity of amplification by polymerase chain reaction requires the specimen to be processed in an environment in which contamination of the specimen by *Ureaplasma* DNA is not likely.

**Submit only 1 of the following specimens:**

**Specimen Type:** Swab

**Supplies:**

-Culturette (BBL Culture Swab) (T092)

-BD E-Swab (T853)

-M4-RT (T605)

**Sources:** Vaginal, cervix, urethra, urogenital, chest/mediastinal; bronchus or lung (donor swab), or upper respiratory sources

**Sources for infants younger than 3 months:** Nasopharynx, nose, throat

**Container/Tube:**

**Preferred:** Culture swab transport system (Dacron or rayon swab with aluminum or plastic shaft with either Stuart or Amies liquid medium)

**Acceptable:** Swab in transport media: M4, M4-RT, M5, M6, universal transport media, or ESwab

**Specimen Volume:** 1 Swab

**Collection Instructions:**

Vaginal:

1. Collect specimen by swabbing back and forth over mucosa surface to maximize recovery of cells.
2. Place swab back into swab cylinder.

Urethra or cervical:

1. Collect specimen by inserting swab 1 to 3 cm and rotating 360 degrees.
2. Place swab back into swab cylinder.

Wound:

1. Collect specimen by swabbing back and forth over wound surface to maximize recovery of cells.
2. Place swab back into swab cylinder.

**Specimen Type:** Fluid

**Sources:** Pelvic, peritoneal, amniotic, prostatic secretions, semen, reproductive drainage or fluid, pleural/chest, chest tube, pericardial

**Container/Tube:** Sterile container

**Specimen Volume:** 1 to 2 mL

**Specimen Type:** Respiratory

**Sources:** Sputum, tracheal secretions, bronchial washings, bronchoalveolar lavage, lung fluid

**Sources for infants younger than 3 months:** Nasal washings (not acceptable for older patients))

**Container/Tube:** Sterile container

**Specimen Volume:** 1 to 2 mL

**Specimen Type:** Synovial fluid

**Container/Tube:**

**Preferred:** Lavender top (EDTA)

**Acceptable:** Pink top (EDTA), royal blue top (EDTA), sterile vial containing EDTA-derived aliquot, red top (no anticoagulant), or sterile container

**Specimen Volume:** 1 mL

**Collection Instructions:** Send fluid specimen in original tube.

**Specimen Type:** Urine-first void, kidney/bladder stone, or ureter

**Container/Tube:** Sterile container

**Specimen Volume:** 10 mL or entire specimen

**Collection instructions:**

Urine first void:

1. Specimen can be collected at any time during the day. The patient should not have urinated for at least 1 hour prior to specimen collection.
2. The first voided portion is the initial 20 to 30 mL of the urine stream obtained **without** cleaning the external urethra.

**Specimen Type:** Tissue

**Sources:** Placenta, products of conception, urogenital, respiratory, bronchus, chest/mediastinal, bone, spine, or joint

**Container/Tube:** Sterile container

**Specimen Volume:** 5 mm(3)

**Collection Instructions:**

1. Collect fresh tissue specimen.
2. Submit fresh tissue only, **do not add fluid to tissue**
3. Refrigerate or freeze specimen.

**Forms:**

If not ordering electronically, complete, print, and send 1 of the following with the specimen.

[-Microbiology Test Request \(T244\)](#)

[-General Test Request \(T239\)](#)

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	7 days	
	Frozen	7 days	

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

Test ID	Question ID	Description	Type	Reportable
URRP	SRC80	Specimen Source	Plain Text	Yes

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**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
SRC80	Specimen source	Alphanumeric		31208-2
35129	Ureaplasma parvum PCR	Alphanumeric		69933-0
35128	Ureaplasma urealyticum PCR	Alphanumeric		51988-4

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

**Supplemental Report:**

No

**CPT Code Information:**

87798 x 2

87999 (if appropriate for government payers)

**Reference Values:**

Not applicable