

Reporting Title: M. pneumoniae Macrolide Resist PCR**Performing Location:** Rochester**Ordering Guidance:**

This test should only be ordered on specimens that have tested positive for Mycoplasma (Mycoplasma) pneumoniae. This assay predicts M pneumoniae macrolide (Azithromycin) resistance only.

For detection of M pneumoniae prior to macrolide resistance testing, order MPRP / Mycoplasma (Mycoplasma) pneumoniae with Macrolide Resistance Reflex, Molecular Detection, PCR, Varies.

Necessary Information:

Specimen source is required; include the specific anatomic source.

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 Mycoplasma (Mycoplasma) pneumoniae DNA is unlikely.

Submit only 1 of the following specimens:

Specimen Type: Swab

Supplies:

- Culturette (BBL Culture Swab) (T092)
- BD E-swab (T853)
- Nasopharyngeal Swab (Nylon Mini-Tip Swab) (T861)
- Culture Swab-Liquid Stuarts/Single Swab (NP Swab) (T515)
- M4-RT (T605)

Sources: Throat, nasal, or nasopharyngeal

Container/Tube:

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

Acceptable: Culture transport swab (Stuart's media) or place swab in M4, M4-RT, M5, M6, universal transport media, or ESwab

Specimen Volume: Swab

Collection Instructions:

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

Specimen Type: Fluid

Sources: Pleural, pericardial, cerebrospinal

Container/Tube: Sterile container

Specimen Volume: 0.5 mL

Specimen Type: Respiratory

Sources: Bronchial washing, bronchoalveolar lavage, tracheal secretions, sputum

Container/Tube: Sterile container

Specimen Volume: 1 mL

Specimen Minimum Volume:

Respiratory: 0.5 mL

Other specimen types: See Specimen Required

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)	7 days	
	Frozen	7 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
RPMPM	SRCMP	Specimen Source	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
SRCMP	Specimen source Also used by tests: MPRP	Alphanumeric		31208-2
619928	M. pneumoniae Macrolide Resistance	Alphanumeric		6483-2

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87798

Reference Values:

Not Predicted