

Test Definition: RPMPM

Mycoplasma (Mycoplasma) pneumoniae
Macrolide (Azithromycin) Resistance
Prediction, Molecular Detection, PCR, Varies

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

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Sources: Bronchial washing, bronchoalveolar lavage, tracheal secretions, sputum
Container/Tube: Sterile container
Specimen Volume: 1 mL

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	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