
Reporting Title: Respiratory Panel, PCR, V**Performing Location:** Rochester**Ordering Guidance:**

This assay is not predicted to detect severe acute respiratory syndrome (SARS)-associated coronavirus or Middle East respiratory syndrome (MERS)-coronavirus.

This test is appropriate for bronchoalveolar lavage or bronchial washings only. For nasopharyngeal swab specimens order RP / Respiratory Panel, PCR, Nasopharyngeal.

This test is not intended for otherwise healthy, immunocompetent patients who are likely to have a mild, self-limited respiratory infection. If testing is desired, these patients should be tested using the more targeted diagnostic assays based on their exposure history and clinical presentation. These tests are also not recommended to be concomitantly ordered when this test is ordered.

- FLUMS / Influenza Virus Type A and Type B, and Respiratory Syncytial Virus (RSV), Molecular Detection, PCR, Varies
- FLUNP / Influenza Virus Type A and Type B, and Respiratory Syncytial Virus (RSV), Molecular Detection, PCR, Nasopharyngeal Swab
- LADV / Adenovirus, Molecular Detection, PCR, Varies
- LENT / Enterovirus, Molecular Detection, PCR, Varies
- BPRPV / Bordetella pertussis and Bordetella parapertussis, Molecular Detection, PCR, Varies
- MPRP / Mycoplasma pneumoniae, Molecular Detection, PCR, Varies
- COVID / Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) RNA Detection, PCR, Varies

Shipping Instructions:

Specimens that cannot be shipped refrigerated to Mayo Clinic Laboratories within 3 days (72 hours) should be frozen prior to shipment. Specimens received older than 72 hours (refrigerated) or older than 30 days (frozen) will be canceled.

Specimen Requirements:

Specimen Type: Respiratory fluid

Sources: Bronchoalveolar lavage (BAL) or bronchial washing

Collection Container/Tube: Sterile container

Specimen Volume: 1 mL

Specimen Minimum Volume:

0.5 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) | 72 hours | |
| | Frozen | 30 days | |
| | Ambient | 4 hours | |

Ask at Order Entry (AOE) Questions:

| Test ID | Question ID | Description | Type | Reportable |
|---------|-------------|-----------------|------------|------------|
| RPB | SSRPB | Specimen Source | Plain Text | Yes |
| RPMPM | SRCMP | Specimen Source | Plain Text | No |

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|-------------------------------|--------------|------|---------|
| SSRPB | Specimen Source | Alphanumeric | | 31208-2 |
| 610529 | Adenovirus | Alphanumeric | | 92987-7 |
| 610530 | Coronavirus 229E | Alphanumeric | | 94479-3 |
| 610531 | Coronavirus HKU1 | Alphanumeric | | 94480-1 |
| 610532 | Coronavirus NL63 | Alphanumeric | | 94481-9 |
| 610533 | Coronavirus OC43 | Alphanumeric | | 94482-7 |
| 610534 | SARS Coronavirus-2 | Alphanumeric | | 95608-6 |
| 610535 | Human Metapneumovirus | Alphanumeric | | 92978-6 |
| 610536 | Human Rhinovirus/ Enterovirus | Alphanumeric | | 92956-2 |
| 610537 | Influenza A | Alphanumeric | | 92977-8 |
| 610538 | Influenza B | Alphanumeric | | 92976-0 |
| 610539 | Parainfluenza Virus 1 | Alphanumeric | | 94483-5 |
| 610540 | Parainfluenza Virus 2 | Alphanumeric | | 94484-3 |
| 610541 | Parainfluenza Virus 3 | Alphanumeric | | 94485-0 |
| 610542 | Parainfluenza Virus 4 | Alphanumeric | | 94486-8 |
| 610543 | Respiratory Syncytial Virus | Alphanumeric | | 92957-0 |
| 610544 | Bordetella pertussis | Alphanumeric | | 94478-5 |

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|--------------------------|--------------|------|------------|
| 610545 | Bordetella parapertussis | Alphanumeric | | In Process |
| 610546 | Chlamydia pneumoniae | Alphanumeric | | 92986-9 |
| 610547 | Mycoplasma pneumoniae | Alphanumeric | | 92964-6 |
| 610548 | Interpretation | Alphanumeric | | 59464-8 |

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

0202U

Reflex Tests:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---------|------------------------------------|-----------|----------|------------------|----------------------|
| RPMPM | M. pneumoniae Macrolide Resist PCR | | | No | Yes |

Result Codes for Reflex Tests:

| Test ID | Result ID | Reporting Name | Type | Unit | LOINC® |
|---------|-----------|------------------------------------|--------------|------|---------|
| RPMPM | SRCMP | Specimen source | Alphanumeric | | 31208-2 |
| RPMPM | 619928 | M. pneumoniae Macrolide Resistance | Alphanumeric | | 6483-2 |

Reference Values:

Undetected (for all targets)