**Collection / Transport**

**Collection Requirements:**

**Bronchoalveolar Lavage (BAL)/ Bronchial Wash Fluid:** Collect 10-40 mL (1 mL minimum) in a sterile container.

**Sputum:** Collect 1 mL in a sterile container.

**Biopsy:** 1 fragment (minimum) of lung tissue in 1 mL of sterile 1X PBS solution (provided by Molecular Diagnostics Lab)

**Nasal Wash/Aspirate Fluid:** Collect 10-40 mL (1 mL minimum) in a sterile container.

**Pediatric Collection:**

**Bronchoalveolar Lavage (BAL)/ Bronchial Wash Fluid:** Collect 1 mL **minimum** in a sterile container.

**Sputum:** Collect 1 mL **minimum** in a sterile container.

**Biopsy:** 1 fragment **minimum** of lung tissue in 1 mL of sterile 1X PBS solution (provided by Molecular Diagnostics Lab)

**Nasal Wash/Aspirate Fluid:** Collect 1 mL **minimum** in a sterile container.

**Storage Transport Temp:**

Specimens must be transported and stored refrigerated until testing.

Local [internal] specimens may be transported at room temperature on the day of collection but must be stored at 2-8 °C upon receipt.

Ship remote [external] specimens on a cold pack - DO NOT FREEZE. Do not ship on weekends.

**Notes:**

This assay will detect *Mycoplasma pneumoniae* and *Chlamydophilia Pneumoniae* at extremely low levels; however, overall test accuracy is dependent upon sample collection. The most comprehensive results for this assay are obtained from a combination of sample types and sample sites.

**Overview**

**Performed:**

Varies

**Methodology:**

Real-time PCR
**Reported:**
Within 14 days from when specimen is received in the laboratory.

**Lab Department:**
Molecular Diagnostics Lab

**Synonyms:**
Chlamydia

**Related Tests:**
Respiratory Virus Panel by PCR (test code RESPCR); Glucocorticoid lymphocyte stimulation [steroid resistance] (test code GCLS); Cortisol pharmacokinetics (test code CORTH); Sputum Cell Count (test code SSPU); Eosinophil cationic protein (test code MT); Beta 2 adrenergic receptor genotyp (test code B2AR)

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**Result Interpretation**

**Reference Interval:**
By Report

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**CPT Codes**

**CPT Code:**
87581, 87486

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Test Name: Mycoplasma and Chlamyphila pneumoniae PCR

Test Code: MPCP