Mycoplasma pneumoniae is associated with up to 40% of community-acquired pneumonias.\textsuperscript{1,2}

New DNA-amplification diagnostic techniques potentially provide a more rapid diagnosis, leading to earlier detection of outbreaks.\textsuperscript{3}

Collect, test and treat same day for optimal patient management.\textsuperscript{4}

DEFINITIVE ANSWERS, CONFIDENT RESULTS®

Mycoplasma pneumoniae is associated with up to 40% of community-acquired pneumonias.\textsuperscript{1,2}

New DNA-amplification diagnostic techniques potentially provide a more rapid diagnosis, leading to earlier detection of outbreaks.\textsuperscript{3}

Collect, test and treat same day for optimal patient management.\textsuperscript{4}

THE ONLY FDA-CLEARED STAND-ALONE MOLECULAR ASSAY FOR MYCOPLASMA PNEUMONIAE
Exceed your current *Mycoplasma pneumoniae* testing performance

» *M. pneumoniae* culture is often impractical for patient management as the organism may take as many as six weeks to culture

» Serology may be limited in its ability to detect acute infection

» Different than viral pathogens, Mycoplasma is treatable with antibiotics

» *illumi*gene<sup>®</sup> Mycoplasma provides flexibility in sample collection
  - Suitable swab types – Cotton, Foam, Flocked Nylon, Polyester, or Rayon
  - Suitable swab media – Swab in either 0.85% Saline, M4, M4-RT, M5, or UTM-RT

» Collect, test and treat for same day results, providing optimal patient management<sup>4</sup>

<table>
<thead>
<tr>
<th>Specimen</th>
<th>Sensitivity</th>
<th>Specificity</th>
</tr>
</thead>
<tbody>
<tr>
<td>NP Swab</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Throat Swab</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

» Decreased turnaround time vs. traditional bacterial culture or send out requests
  - Expedite appropriate antibiotic therapy for your patients

Platform Benefits

» No capital expense required

» No service contract required

» Simplified procedure

» Low invalid rates – no need for repeat testing

» Small footprint

**DEFINITIVE ANSWERS, CONFIDENT RESULTS<sup>®</sup>**

» *illumi*gene<sup>®</sup> Mycoplasma provides definitive answers needed to ensure patients receive appropriate antibiotic therapy as soon as possible

» Consult your sales representative to learn how *illumi*gene<sup>®</sup> Mycoplasma can potentially increase lab profitability
Testing Procedure

1: Add 50 μL of Assay Control II into Lysis Tube.
2: Add 150 μL of sample to Lysis Tube containing Assay Control II.
3: Perform specimen extraction per package insert. Collect extracted DNA in Elution Tube.
4: Heat the Elution Tube at 95°C for 10 minutes. Vortex for 10 seconds.
5: Add 75 μL of Reaction Buffer II to a clean Screw-top Tube.
6: Add 75 μL of heat treated DNA to Screw-top Tube. Vortex for 10 seconds.
7: Using a new pipette tip for each, transfer 50 μL of the diluted specimen to the TEST and CONTROL chambers of the illumigene® Test Device.
8: Close and fasten the latch securely. Gently tap device to remove air bubbles trapped on the bottom of the tubes. Carefully examine reaction tubes to ensure that there are no air bubbles left in tube.
9: Insert illumigene® Test Device into the illumipro-10™ and initiate amplification reaction and detection.

This illustration is representative of the current Package Insert at the time of publication. Please refer to the most current version of the Package Insert for complete instructions.
REFERENCES
4. illumigene® Mycoplasma Package Insert, SN11183.

For more information in the US, contact a specialist at 1-888-763-6769.