Enhance your respiratory testing with RSV and hMPV

Human metapneumovirus (hMPV) is a common respiratory virus which often gets mistaken for respiratory syncytial virus (RSV) when diagnosing based on empirical evidence alone. Reduce onward transmission and avoid coinfection with Solana RSV + hMPV. Solana RSV + hMPV detects and differentiates RSV and hMPV in just 45 minutes. Results you can trust when accuracy is critical, on a platform built for your lab.

**Prompt initiation of patient management**
- Results in just 45 minutes
- High volume throughput capabilities
  Batch up to 12 tests per run

**True, Molecular Accuracy**
- Gold standard sensitivity
- Confidence in your prescription decision
- Use as a confirmation method for negative rapid results

**Ease and Affordability**
- Wide range of transport media compatibility
- Simple procedure
- Sustainable reagent pricing
- Flexible instrument placement options

Solana RSV + hMPV Assay run with the Solana bench top instrument a mere 9.4" x 9.4" x 5.9"

*The Accurate. Sustainable. Molecular RSV + hMPV Solution.*
**Procedure**

**Sample Preparation**

1. Specimen in transport media
2. Process Buffer Tube
3. Reaction Tube

**Amplification**

- 95°C for 5 min.

**Detection**

- 50 µL

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**Time to 12 RSV results**

<table>
<thead>
<tr>
<th>Assay Type</th>
<th>Time (min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solana 12 tube chamber</td>
<td>18 min</td>
</tr>
<tr>
<td>Real-Time PCR Assays</td>
<td>36 min</td>
</tr>
<tr>
<td>CLIA Waived, Single Test MDx System</td>
<td>15:36 min</td>
</tr>
</tbody>
</table>

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**Clinical Performance**

**Performance Agreement of the Solana RSV + hMPV Assay for RSV Compared to an FDA-cleared RSV+hMPV Molecular Assay (Across All Sites Combined)**

<table>
<thead>
<tr>
<th>Source Category</th>
<th>N</th>
<th>TP</th>
<th>FP</th>
<th>TN</th>
<th>FN</th>
<th>Sensitivity % (95% CI)</th>
<th>Specificity % (95% CI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh</td>
<td>760</td>
<td>12</td>
<td>0</td>
<td>747</td>
<td>1</td>
<td>92.3 (66.7 to 98.6)</td>
<td>100 (99.5 to 100)</td>
</tr>
<tr>
<td>Frozen</td>
<td>1286</td>
<td>136</td>
<td>1</td>
<td>1143</td>
<td>6</td>
<td>95.8 (91.1 to 98.0)</td>
<td>99.9 (99.5 to 100)</td>
</tr>
<tr>
<td>All</td>
<td>2046</td>
<td>148</td>
<td>1*</td>
<td>1890</td>
<td>7**</td>
<td>95.5 (91.0 to 97.8)</td>
<td>99.9 (91.0 to 97.8)</td>
</tr>
</tbody>
</table>

* Of the one (1) discordant specimens (Solana Positive/Comparator Negative), one (1) of these specimens were positive by an alternative FDA-cleared molecular assay.

** Performance Agreement of the Solana RSV + hMPV Assay for hMPV Compared to an FDA-cleared RSV+hMPV Molecular Assay (Across All Sites Combined)**

<table>
<thead>
<tr>
<th>Source Category</th>
<th>N</th>
<th>TP</th>
<th>FP</th>
<th>TN</th>
<th>FN</th>
<th>Sensitivity % (95% CI)</th>
<th>Specificity % (95% CI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh</td>
<td>760</td>
<td>24</td>
<td>2</td>
<td>733</td>
<td>1</td>
<td>96.0 (80.5 to 99.3)</td>
<td>99.7 (99.0 to 99.9)</td>
</tr>
<tr>
<td>Frozen</td>
<td>1286</td>
<td>62</td>
<td>1</td>
<td>1220</td>
<td>3</td>
<td>95.4 (87.3 to 98.4)</td>
<td>99.9 (99.5 to 100)</td>
</tr>
<tr>
<td>All</td>
<td>2046</td>
<td>86</td>
<td>3*</td>
<td>1953</td>
<td>4**</td>
<td>95.6 (89.1 to 98.3)</td>
<td>99.8 (99.6 to 99.9)</td>
</tr>
</tbody>
</table>

* Of the three (3) discordant specimens (Solana Positive/Comparator Negative), zero (0) of these specimens were positive by an alternative FDA-cleared molecular assay.

** Performance Agreement of the Solana RSV + hMPV Assay for hMPV Compared to an FDA-cleared RSV+hMPV Molecular Assay (Across All Sites Combined)**

** Performance Agreement of the Solana RSV + hMPV Assay for hMPV Compared to an FDA-cleared RSV+hMPV Molecular Assay (Across All Sites Combined)**

* Of the four (4) discordant specimens (Solana Negative/Comparator Positive), zero (0) of these specimens were positive by an alternative FDA-cleared molecular assay.

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Solana RSV + hMPV Assay – 48 Test Kit: Cat. #M306
Solana RSV + hMPV Control Set – 20-Reaction Kit: Cat. #M123
Solana Instrument – Cat. #20278