ASSESSING Recovery

The Role of COVID-19 Testing in the Recovery of Travel

November 12, 2020
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Past President
American College of Preventive Medicine

Principal
P3 Health
<table>
<thead>
<tr>
<th></th>
<th>MOLECULAR TEST</th>
<th>ANTIGEN TEST</th>
<th>ANTIBODY TEST</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Also known as...</strong></td>
<td>Diagnostic test, viral test, molecular test, nucleic acid amplification test (NAAT), RT-PCR test, LAMP test</td>
<td>Diagnostic test</td>
<td>Serological test, serology blood test, serology test</td>
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<tr>
<td><strong>How the sample is taken...</strong></td>
<td>Nasopharyngeal (the part of the throat behind the nose), nasal or throat swab (most tests) Saliva (a few tests)</td>
<td>Nasal or nasopharyngeal swab (most tests)</td>
<td>Finger stick or blood draw</td>
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<tr>
<td><strong>How long it takes to get results...</strong></td>
<td>Same day (some locations) or up to a week (longer in some locations with many tests)</td>
<td>Some may be very fast (15 – 30 minutes), depending on the test</td>
<td>Same day (many locations) or 1-3 days</td>
</tr>
<tr>
<td><strong>Is another test needed...</strong></td>
<td>This test is typically highly accurate and usually does not need to be repeated.</td>
<td>Positive results are usually highly accurate, but false positives can happen, especially in areas where very few people have the virus. Negative results may need to be confirmed with a molecular test.</td>
<td>Sometimes a second antibody test is needed for accurate results.</td>
</tr>
<tr>
<td><strong>What it shows...</strong></td>
<td>Diagnoses active coronavirus infection</td>
<td>Diagnoses active coronavirus infection</td>
<td>Shows if you’ve been infected by coronavirus in the past</td>
</tr>
<tr>
<td><strong>What it can’t do...</strong></td>
<td>Show if you ever had COVID-19 or were infected with the virus that causes COVID-19 in the past</td>
<td>Antigen tests are more likely to miss an active COVID-19 infection compared to molecular tests. Your health care provider may order a molecular test if your antigen test shows a negative result but you have symptoms of COVID-19.</td>
<td>Diagnose COVID-19 at the time of the test or show that you do not have COVID-19.</td>
</tr>
</tbody>
</table>
Figure. Estimated Variation Over Time in Diagnostic Tests for Detection of SARS-CoV-2 Infection Relative to Symptom Onset

Before symptom onset | After symptom onset
---|---
Detection unlikely | PCR - Likely positive

Increasing probability of detection

Antibody detection

Symptom onset

- Nasopharyngeal swab PCR
- Bronchoalveolar lavage/sputum PCR
- Virus isolation from respiratory tract
- Stool PCR
- IgM antibody
- IgG antibody

Estimated time intervals and rates of viral detection are based on data from several published reports. Because of variability in values among studies, estimated time intervals should be considered approximations and the probability of detection of SARS-CoV-2 infection is presented qualitatively. SARS-CoV-2 indicates severe acute respiratory syndrome coronavirus 2; PCR, polymerase chain reaction.

a Detection only occurs if patients are followed up proactively from the time of exposure.

b More likely to register a negative than a positive result by PCR of a nasopharyngeal swab.
JOHN FLYNN
Vice President of Administration, Head of Health and Safety Strategy
MGM Resorts International
• The top priority for MGM is the health and safety of our team members, guests, vendors, and communities in which we operate.

• Forecasts for COVID-19’s business impact continue well into 2021 and beyond, driving MGM to take proactive, thoughtful steps to fortify impacted parts of the business.

• Our objective is to implement flexible, accurate, and trusted rapid, point-of-care molecular testing and health records ecosystem to host incrementally larger meetings, conventions, and entertainment and sporting events.

  —MGMRI has designed an innovative, reliable, and scalable solution that augments rigorous health and safety protocols to host larger-sized gatherings.

  —This is not a mandatory prerequisite for the progressive reopening of meetings, conventions, entertainment, or sporting events.

• We believe that this approach has the potential to safely accelerate the return to business for all of our partners, here in Southern Nevada and beyond.
PROTECTED EXPERIENCES WITH HEALTH PASS

Optional Multi-Layered Health Screening Capabilities

GUEST JOURNEY

ENROLL HEALTH PASS → SECURITY/TICKET CHECK → RAPID TEST → HEALTH PASS CREATION → HEALTH PASS CHECK

FAIL → PASS

PROTECTED EXPERIENCES

HOTEL F&B

CONVENTIONS

SPORTS CONCERTS

PARTNERS

MGM RESORTS INTERNATIONAL
CREATING SAFER ENVIRONMENTS & ECOSYSTEMS WITH HEALTH PASS

MGM Resorts is bringing together cutting-edge Health Pass technology from CLEAR, innovative COVID-19 testing with CUE Health, and expert health providers from Impact Health with the goal of creating safer environments and ecosystems across MGM venues.¹

Optional multi-layered health screening with CLEAR’s health pass: a touchless product that links verified identity with COVID-19 health insights, including:
  • real-time health questionnaire,
  • COVID-19 test results, and
  • temperature checks.

MGM is deploying a rapid, portable, molecular, point-of-care COVID-19 test with our partner CUE Health.

Point of care device collects and tests samples on-site, producing accurate results in approximately 20 minutes.

Additionally, MGM is working in conjunction with Impact Health, a leading provider of healthcare services for high-profile and high-volume events, for on-site testing capabilities.

¹ This is an optional offering.
Convene with Confidence is a comprehensive set of protocols designed specifically for bringing meetings and entertainment safely back to Las Vegas. We have worked closely with health experts and local public officials to detail every aspect of an attendee experience for these important events.

PROTOCOLS FOR MEETINGS & EVENTS

1. PLANNING
Virtual site inspections and pre-planning services available. This includes careful planning of event, meal and break times to safely optimize guest movement throughout the meeting space.

2. HEALTH PASS
MGM Resorts is bringing together cutting-edge Health Pass technology from CLEAR, innovative COVID-19 testing with CUE Health, and expert health providers from Impact Health with the goal of creating safer environments and ecosystems across MGM venues. This is an optional offering.

3. ARRIVAL
We always recommend advance registration but when not possible, where registration desk queuing is needed, required scheduling and distancing will be clearly indicated.

4. CLEANING AND DISINFECTING
High touch points will be cleaned and disinfected regularly; single-use amenities will be disposed of daily. Hand sanitizer will be available in high traffic areas.

5. PHYSICAL DISTANCING
Our facility capacities have been adjusted to meet physical distancing requirements and will evolve as needed. Signage will be placed to remind guests of physical distancing standards, floor clings to mark entrances and exits. Transparent barriers will be used where physical distancing is challenging.

6. DINING EXPERIENCE AND BREAK REFRESH
Varied styles of meal service will be offered. Servers and chef attendants will serve guests.
CONVENE WITH CONFIDENCE: PILOTS

Step 1
Health Credential (DIY)

In the last 14 days, have you been told by a health professional that you may have been infected with COVID-19 or been exposed to a person with COVID-19?

YES

NO

Temperature needed to complete Health Pass
To continue, have your temperature read by the CLEAR temperature device. Then scan this QR code to link the reading to your personal Health Pass.

Step 2
Molecular COVID Test (20 mins)

SAFE ENTRY

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