Test Order

*Mpox virus* PCR

<table>
<thead>
<tr>
<th>Synonym(s)</th>
<th>Mpox virus PCR</th>
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<tbody>
<tr>
<td>Methodology</td>
<td>Real-time polymerase chain reaction (PCR)</td>
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<tr>
<td>Acceptable Specimen Type(s) for Testing</td>
<td>Lesion swabs collected in Viral Transport Medium (VTM), Universal Viral Transport media (UVT) Or Universal transport Medium (UTM)</td>
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**Transport / Collection Medium**
- Follow personal protection equipment guidance when collecting specimen.
- Mpox lesions may appear in different stages on different parts of the body. Sample two (2) mpox lesions per patient preferably from different body sites. Each lesion should be sampled with one (1) swab.
- Please submit specimens collected in Universal Viral Transport media (UVT), Viral transport media (VTM), Universal Transport Media (UTM).
- **Vigorously** swab lesion with the swab enclosed in the VTM or UVT collection kit. Lesion may unroof, but this is not required. Be aware that swabbing may cause pain to the patient; pressure is necessary for adequate sample collection.
- Place each swab into separate VTM or UVT collection tubes and break swab at the score mark. DO NOT FORCE the swab into the transport container.
- Sample, collect, label, and store each specimen in separate biohazard bags. Place the printed requisition on the sleeve outside of the biohazard bag.

**Storage and Preservation of Specimen**
- Store specimens in VTM/UTM at room temperature (15-30°C) for up to 48hrs. Alternatively, lesion swab specimens can be stored refrigerated (2–8 °C) up to seven days in viral transport medium (VTM/UTM); store at -80°C if shipping will be delayed.
- Ship specimens on dry ice in compliance with DoT and IATA regulations governing Biological Substances, Category B (UN 3373) Monday -Thursday. Specimen can also be sent via courier Monday-Friday 8:00am-5:00pm.

**Minimum Volume Required**
- N/A

**Additional Collection Instructions**
- Requisition forms are required for all specimens
- Please place one (1) order for each lesion being swabbed.
- SF Public Health Lab will not accept more than 2 lesions per patient.
- Specimens may go to CDC for additional testing.
- Please email completed CMR to cdcontrol@sfdph.org

**Additional Required Information**
- Collection date
- Clearly marked specimen source, e.g., “L elbow swab” and “R Cheek swab”.
- Patient’s name and date of birth

**Send Out?** Specimen may go to CDPH’s State laboratory for additional testing.

**Turnaround Time** Specimen tested 3 times a week, M-W-F.

**Testing Restrictions**

**Requisition Form(s)** Mpox PCR submission should be done via Apollo Web, or through Epic. Please contact the laboratory for more information at 415-554-2800.

**Limitations / Notes / Disclaimers** More information about mpox virus in the US can be found below
- [Mpox Info & Guidance for SF Healthcare Providers](http://www.sfcdcp.org/monkeypoxhcp)

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