



**CITY AND COUNTY OF SAN FRANCISCO
PUBLIC HEALTH LABORATORY**

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Test Order Mpox virus PCR

Synonym(s)	Mpox virus PCR
Methodology	Real-time polymerase chain reaction (PCR)
Acceptable Specimen Type(s) for Testing	Lesion swabs collected in Viral Transport Medium (VTM) or Universal Viral Transport media (UVT)
Transport / Collection Medium	<ul style="list-style-type: none">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 (MPX) 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) or Viral transport media (VTM).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	<ul style="list-style-type: none">Store all specimens at 4°C if shipping within 24-72 hours; store at -80C 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	<p><u>Requisition forms are required for all specimens</u></p> <ul style="list-style-type: none">Please place one (1) order for each lesion being swabbed.SF Public Health Lab will not accept more than 2 lesions per patient.Depending on lab capacity, specimens may be tested at different laboratories and will be result for Mpox virus generic. Specimens may go to CDC for additional testing.Please email completed CMR to monkeypox@sfdph.org
Additional Required Information	<ul style="list-style-type: none">Collection dateClearly marked specimen source, e.g., "L elbow swab" and "R Cheek swab".Patient's name and date of birth
Send Out?	
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 Response and Recommendations Monkeypox Poxvirus CDC California Department of Health Healthcare Provider Mpox Health Advisory, May 27, 2022 https://www.sfdcp.org/wp-content/uploads/2022/05/CDPH-Monkeypox-Health-Advisory-SFDPH-FINAL-05.27.2022.pdf Mpox Info & Guidance for SF Healthcare Providers www.sfdcp.org/mpxhcp