

Test Menu

TOPIC	DESCRIPTION
Test Name	Non-variola <i>Orthopoxvirus</i> Molecular Detection
Other Name (s)	mpox Testing, mpox PCR
Analyte(s)	Non-variola <i>Orthopoxvirus</i>
Test Code	9778
Lab location	Jacksonville, Miami, Tampa
Department	BT
Prior Authorization	Requires prior approval from Regional Epidemiology and notification to the testing lab. Contact local County Health Department to start the process for approval.
Required Forms	DH1847 – Add test requested in additional information
Specimen Sources	Swabbed lesion material is required for persons with an active lesion or rash.
Collection Media	Acceptable samples are: <b>dry swabs</b> , swabs in <b>viral transport media (VTM)</b> [except for Clade I/Congo Basin Monkeypox virus].  <b>NOTE:</b> Any “universal” media will result in sample rejection. Please contact a BT Coordinator with questions.  Collect duplicate lesion swabs. Preliminary testing will occur at the Bureau of Public Health Labs. If positive, characterization testing may be carried out at the CDC.
Minimum Volume	Viral transport media: 0.3 mL
Supplemental Information- Special Specimen Preparation	Swabs should be nylon, dacron, or polyester. <b><u>Do not use cotton or rayon swabs. Do not use swabs with metal shafts.</u></b>
Storage Conditions	<b>For dry swabs:</b> Freeze (-20°C or lower) or refrigerate (2-8°C) specimens promptly after collection. Store frozen samples for up to 60 days. Freezing is strongly recommended. However, if there is no freezer available, refrigerate samples (2-8°C) and store for up to 7 days. It is strongly recommended to send samples within 7 days of collection.  <b>For swabs in viral transport media:</b> Freeze (-20°C or lower) or refrigerate (2-8°C) specimens promptly after collection. Store frozen samples for up to 30 days. Freezing is strongly recommended. However, if there is no freezer available, refrigerate samples (2-8°C) and store for up to 7 days.
Specimen Labeling	Specimen must be labeled with at least two unique patient identifiers, Ex: Name and DOB. <b>Information on the specimen must match the requisition.</b>
Packaging and Shipping Instructions	Preferred: Ship frozen using dry ice (-20°C or lower) Acceptable: Ship refrigerated with ice packs (2-8°C)
Test Methodology	PCR
Turnaround Time	48 hours after received at testing facility
Result Indicator	Detected/Not detected
Unsatisfactory Specimen	Any transport media not specifically designated “viral transport media”. “Universal” media designed for bacterial preservation will result in sample rejection. Please refer to the product sheet and/or reach out to a BT Coordinator for more information.
Interferences and Limitations	<b>Cotton and rayon swabs and swabs in media designed for bacterial preservation and/or transport may cause PCR inhibition and should not be used. Commonly misleading and unacceptable media includes “Universal Viral Transport Media” and “Universal Transport Media”.</b>  <b>Specimens with insufficient human DNA will be resulted as inconclusive.</b>
Additional Information & Notes	Collection and submission requirements adapted from CDC Test Order CDC-10515 (Poxvirus Molecular Detection).
Reference Range	N/A
Reference Lab	CDC
Reflex testing	N/A