

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  | 9779  |
| 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].<br><br><b>NOTE:</b> Any “universal” media will result in sample rejection. Please contact a BT Coordinator with questions.<br><br>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><br>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.<br><br><b>For swabs in viral transport media:</b><br>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)<br>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><br><br><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   |