

NON-VARIOLA ORTHOPOX PCR

(Revised 9/28/2023)

Test description	Assay for the detection of Non-Variola Orthopoxvirus (Monkeypox)
Test use	Assay detects Vaccinia, Cowpox, Monkeypox and Ectromelia viruses
Test Department	Advanced Molecular Diagnostics Phone: (860) 920-6689, FAX: (860) 920-6721
Methodology	Polymerase Chain Reaction (PCR)
Availability	Daily
Specimen Requirements	Dry swabs and/or wet swabs in Viral Transport Medium (1 swab or lesion crust per container). Universal Transport Media should not be used. Please refer to the 'Collection instructions' section for more information.
Collection Kit/Container	Sterile nylon, polyester, rayon or Dacron swabs with a plastic, wood, or thin aluminum shaft. Do <i>not</i> use cotton or any other type of swab. Please refer to the 'Collection instructions' section for more information.
Collection instructions	Instructions for specimen collection are available here: https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/infectious_diseases/Monkeypox/Monkeypox-Virus-Specimen-Collection-Instructions.pdf
Specimen Handling & Transport	Please refer to the 'Collection instructions' section for more information.
Unacceptable Conditions	Please refer to the 'Collection instructions' section for more information.
Requisition Form	Clinical Test Requisition OL-9B (select Non-variola Orthopoxvirus PCR)
Required Information	Name and address of submitter. Two patient identifiers (i.e. name, DOB, Acc.#, MRN), Town of residence (city, state, zip), Specimen source/type, date collected, test(s) requested. In addition, please provide symptoms, symptom onset date, and travel history. Please ensure information on the requisition matches the specimen.
Limitations	This assay does not differentiate Vaccinia virus or Monkeypox virus from other Orthopoxviruses detected by this assay, and it does not detect Variola virus.
Additional Comments	These results must be used in conjunction with other diagnostic assays and clinical observations to diagnose Orthopoxvirus infection. For more information on Monkeypox recommendations, treatments, and vaccinations, please visit this website: https://portal.ct.gov/DPH/Epidemiology-and-Emerging-Infections/CT-Mpox