

### Test Menu

TOPIC	DESCRIPTION
<b>Test Name</b>	Enterovirus D68 (2014 EV-D68), PCR
<b>Other Name (s)</b>	Real-time PCR, RT-PCR, real-time RT-PCR, nucleic acid amplification testing (NAAT)
<b>Analyte(s)</b>	enterovirus D68 (EV-D68)
<b>Test Code</b>	1811
<b>Lab location</b>	Jacksonville and Tampa locations
<b>Department</b>	Virology
<b>Prior Authorization</b>	Requires prior approval from Regional Epidemiology and notification to the testing lab. Contact local County Health Department to start the process for approval.
<b>Required Forms</b>	Test Requisition Form, DH1847. Medical History needed (i.e., onset date, collection date, travel history and symptoms).
<b>Specimen Sources</b>	Respiratory swabs including nasopharyngeal, oropharyngeal and throat. Other respiratory samples including nasal wash or aspirate. Serum can be tested with paired respiratory sample.
<b>Supplemental Information- Special Specimen Preparation</b>	Specimens can be stored at 2-8°C.
<b>Minimum Volume</b>	500 $\mu$ l (.5 mL)
<b>Storage Conditions</b>	Refrigerate specimens at 2-8°C or frozen at $\leq$ -20°C.
<b>Collection Media</b>	Dacron swab in viral transport media (VTM) or universal transport media (UTM) Serum separator tube (tiger top/red top)
<b>Specimen Labeling</b>	-Specimen must be labeled with at least two unique patient identifiers, Ex: Name and DOB. -The collection date and time if submitting multiple specimens. <b>-Information on the specimen must match the requisition.</b>
<b>Packaging and Shipping Instructions and Handling</b>	Specimens must be shipped between (2-8°C) or frozen ( $\leq$ -20°C) on dry ice. Separate multiple specimens into different bags (preferred).
<b>Test Methodology</b>	Real-time reverse-transcription polymerase chain reaction (RT-PCR) assay, nucleic acid amplification testing (NAAT).
<b>Turnaround Time</b>	7 - 14 days
<b>Result Indicator</b>	EV-D68 detected, or no virus detected
<b>Unsatisfactory Specimen</b>	Swabs with calcium alginate or cotton tips or with wooden shafts. Unlabeled or mislabeled specimens, insufficient quantity for testing, incorrect collection tube/transport media, grossly contaminated specimen, disparity between ID on sample and paperwork, improper collection, storage or transport of specimen, no test requested, test requested is not performed. If required, the absence of patient history. If required, the lack of patient history that is compatible with test requested. Test order cancelled by provider, broken, or leaked in transit, etc.
<b>Interferences and Limitations</b>	For serum, heparin may cause interference with the molecular tests and should be avoided. Swabs with calcium alginate or cotton tips or with wooden shafts, can result in inactivation of some viruses and inhibit some molecular assays
<b>Additional Information &amp; Notes</b>	Acute Feces (collected in sterile container, no preservatives), CSF, pericardial fluid may be tested for surveillance purposes and are not diagnostic and require prior approval before submission.
<b>Reference Range</b>	EV-D68 detected, or no virus detected
<b>Reference Lab</b>	CDC if needed
<b>Reflex testing</b>	None