



## VIRUS ISOLATION IN CARDIAC DISEASES

**Synonym(s):** Virus culture in cardiac diseases

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<b>Lab Section Category</b>	<b>Virology</b> Click here to find out more about the <b>write-up</b> ( <a href="/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/virology.aspx">/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/virology.aspx</a> ).
<b>Specimen Required</b>	Stool for enteroviruses  Throat swab, nasopharyngeal aspirate during the first 3 – 4 days of onset  Pericardial fluid for pericarditis  <b>Send samples (except stool &amp; pericardial fluid) in Virus Transport Medium.</b> (See also <b>Virology Section, General Guidelines for Virus Isolation &amp; Collection Methods for Virus Isolation by Sample Type</b> ( <a href="http://shintersp.shses.shs.com.sg:82/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/virology.aspx">http://shintersp.shses.shs.com.sg:82/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/virology.aspx</a> ) ( <a href="http://shintersp.shses.shs.com.sg:82/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/virology.aspx">http://shintersp.shses.shs.com.sg:82/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/virology.aspx</a> ) )
<b>Storage and Transport</b>	Refrigerate samples until transport to laboratory. <b>Do not freeze.</b>  Transport samples on ice pack to laboratory.
<b>Method</b>	Tissue culture

<b>Test Result</b>	Reported as Positive or Negative
<b>Turnaround Time</b>	Positive report - Influenza : 2 - 10 days - Enteroviruses : 3 days - 3 weeks (preliminary)  Enteroviruses: Final report with typing results: 2 - 6 weeks  Negative report : 10 days for influenza virus, 21 days for enterovirus
<b>Day(s) Test Set up</b>	Monday – Saturday
<b>Remarks</b>	Viruses to be expected : Enterovirus, influenza virus

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## Change History Notes

- **02 May 2018 05:01 PM**  
 Changed TAT for preliminary positive enterovirus report to 3 days - 3 weeks.

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