

CYTOMEGALOVIRUS ISOLATION

Synonym(s): Cytomegalovirus Culture, CMV Isolation, CMV Culture

[Back To Previous Page \(javascript: history.go\(-1\)\)](#)

Lab Section Category	Virology Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/virology.aspx).
Specimen Required	<p>6 mL unclotted blood in EDTA tube for all clinical presentations, except congenital infections and gastroenteritis</p> <p>Urine for all clinical presentations</p> <p>Saliva, sputum, nasopharyngeal aspirate or bronchoalveolar lavage for pneumonia</p> <p>Saliva and urine for congenital infections</p> <p>Intestinal biopsy for gastroenteritis</p> <p>Other biopsy samples (e.g. lymph node, liver)</p> <p>Uterine curetting</p> <p>Send samples (except blood, urine & CSF) in Virus Transport Medium. (See also Virology Section, General Guidelines for Virus Isolation & Collection Methods for Virus Isolation by Sample Type (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))</p>
Storage and Transport	<p>Refrigerate samples until transport to laboratory. Do not freeze.</p> <p>Send samples on ice pack to laboratory.</p>
Method	Tissue culture
Test Result	Reported as Positive or Negative
Turnaround Time	<p>Positive report : 2 days – 3 weeks</p> <p>Negative report : 21 days</p>
Day(s) Test Set up	Monday – Saturday

[Back To Previous Page \(javascript: history.go\(-1\)\)](#)

©Copyright 2018 Singapore General Hospital, Outram Road, Singapore 169608