



## CYTOMEGALOVIRUS (CMV) PCR (QUALITATIVE)

**Synonym(s):** CMV PCR

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

<b>Lab Section Category</b>	<b>Molecular Diagnostics - Microbiology</b> Click here to find out more about the <a href="#">write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/moleculardiagnosics.aspx)</a> .
<b>Indications</b>	For detection of CMV DNA. As an adjunct for the diagnosis of CMV disease, i.e. from reactivation of latent disease in immunocompromised patients or in primary infection.
<b>Specimen Required</b>	(a) Blood: Please note that all blood samples sent for CMV qualitative PCR will be tested using CMV quantitative PCR instead. If CMV qualitative PCR is required for blood samples, please seek approval of our microbiologists.  (b) Swab: Use only Dacron-tipped swabs. Send in swab sheath without any media.  (c) CSF: At least 0.5 mL of undiluted sample in a sterile and leak-proof screw-capped container without any additives.  (d) Vitreous or eye tap: At least 0.2 mL. Collect sample in a sterile leak-proof container or in a syringe with needle removed.  (e) Urine: Collect in sterile container.
<b>Storage and Transport</b>	Refrigerate sample until transfer to laboratory. <b>Do not freeze.</b> Send sample at 2 - 8°C (with an ice-pack). Sample must reach the laboratory within 24 hours after collection.
<b>Method</b>	Real-time Polymerase Chain Reaction (In-house)
<b>Test Result</b>	Detected, Not Detected or Inconclusive
<b>Turnaround Time</b>	5 days
<b>Day(s) Test Set up</b>	Friday

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

### Change History Notes

- **18 Apr 2012 05:56 PM**  
Change test method w.e.f. 20 March 2012 (change from PCR to Real-time PCR).

- 
- **19 May 2014 04:20 PM**  
Specimen Required: Specimen Required has been last updated on 19/05/14.

- 
- **26 May 2014 02:31 PM**  
Specimen Required: Specimen Required has been updated w.e.f. 26/05/14.

- 
- **16 Jan 2017 10:59 AM**  
Turnaround Time: Last updated on 16/01/17.  
Day(s) Test Set up: Last updated on 16/01/17.

---

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

