

TETRAPLEX PCR DETECTION FOR HERPES SIMPLEX VIRUS (HSV), VARICELLA-ZOSTER VIRUS (VZV), CYTOMEGALOVIRUS (CMV) AND TOXOPLASMA GONDII (QUALITATIVE)

Synonym(s): CMV, HSV, VZV, Toxoplasma gondii

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Lab Section Category	Molecular Diagnostics - Microbiology Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/moleculardiagnosics.aspx).
Indications	For simultaneous detection of cytomegalovirus, herpes simplex virus, varicella-zoster virus and Toxoplasma gondii. This test is especially useful for limited volume samples (e.g. eye fluid, CSF).
Specimen Required	(a) Vitreous or eye tap: As much sample as possible. Collect sample in a sterile leak-proof container or in a syringe with needle removed. (b) CSF: At least 0.5 mL of undiluted sample in a sterile and leak-proof screw-capped container without any additives. (c) Swab for vesicles: Use Dacron-tipped swabs. Sample base of lesions vigorously and send dry in swab sheath.
Storage and Transport	Refrigerate sample until transfer to laboratory. Do not freeze. Send sample at 2 - 8°C (with an ice-pack). Sample must reach the laboratory within 24 hours after collection.
Method	Multiplex Polymerase Chain Reaction (In-house Real-time)
Test Result	Detected, Not Detected or Inconclusive
Turnaround Time	Next working day

Day(s) Test Set up	Mondays to Saturdays
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Change History Notes

- **08 Jan 2013 03:13 PM**
Turnaround Time has been last updated on 08/01/13.

- **16 Jan 2017 11:35 AM**
Day(s) Test Set up: Last updated on 16/01/17.

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