

CMV PCR

Orderable – QCMV

Turnaround Time: 3-5 days

Alternate Name(s)

Quantitative Cytomegalovirus
Cytomegalovirus PCR (Viral Load)

Specimen Type and Collection Information:

Specimen Type	Collection Information
Blood (EDTA) Lavender top Vacutainer	Blood collected with EDTA anticoagulant (lavender-top tube) is required. A minimum of 500ul plasma must be submitted, more than 1ml is recommended for multiple tests
Urine	Collected in a sterile container. A minimum of 1ml must be submitted.
Bronchoalveolar lavage (BAL)	Collect a minimum volume of 1 mL of BAL. Transfer sample to a sterile container
Fluids, including eye and CSF	Submit a minimum of 300ul for one test in sterile container. Ensure submission of adequate specimen volume if multiple tests are required.
Tissues*	Place in sterile container



Laboratory:
Microbiology



Requisition:
Electronic order



Method of Analysis:
RT-PCR



Test Schedule:
Samples are tested daily
Tuesday to Friday

* Tissues are forwarded to
PHOL for testing

Special Processing:

CMV test is available for transplant patients only. Tests will not be performed more than once in a 7-day period.

For Specimen Receiving:

After 9 pm: Centrifuge and aliquot plasma. Refrigerate and send to Microbiology Laboratory the following morning.

Storage and Shipment:

Blood (EDTA): Tubes MUST be spun, separated and stored at 4°C for shipment the next morning if there is a delay of ≥4 hours in transport to the Microbiology Laboratory. If there is a delay of more than 24 hours, plasma MUST be frozen at -80°C.

All other specimen types: must be received within 24 hours and should be stored at 4°C as soon as possible following collection.