

Cytomegalovirus (CMV) Molecular Detection, PCR, Varies

Test ID: CMVPV

Useful for:

Rapid qualitative detection of cytomegalovirus (CMV) DNA.

This test is not intended for the monitoring of CMV disease progression.

This test should not be used to screen asymptomatic patients.

Methods:

Real-Time Polymerase Chain Reaction (PCR)/DNA Probe Hybridization

Reference Values:

Negative (Reference values apply to all ages)

Specimen Requirements:

Submit only 1 of the following specimens:

Specimen Type:	Body fluid
Sources:	Spinal, pleural, peritoneal, ascites, pericardial, amniotic, or ocular
Supplies:	Sarstedt Aliquot Tube, 5mL (T914)
Container/Tube:	Preferred: Sterile, screwcap, 5-mL aliquot tube Acceptable: Sterile container
Specimen Volume:	0.5 mL
Collection Instructions:	Do not centrifuge.
Specimen Type:	Respiratory fluid
Sources:	Bronchial washing, bronchoalveolar lavage, nasopharyngeal aspirate or washing, sputum, or tracheal aspirate
Supplies:	Sarstedt Aliquot Tube, 5mL
Container/Tube:	Preferred: Sterile, screwcap, 5-mL aliquot tube Acceptable: Sterile container

Specimen Volume: 1.5 mL

Collection Instructions: Do not centrifuge.

Specimen Type: Genital swab

Sources: Cervix, vagina, urethra, anal/rectal, or other genital sources

Supplies: Culturette (BBL Culture Swab) (T092)
M4-RT (T605)
Bartels FlexTrans VTM-3 mL (T892)
Jiangsu VTM-3 mL (T891)

Container/Tube: Multimicrobe media (M4-RT) and ESwabs

Collection instructions: Place swab back into multimicrobe media (M4-RT, M4, or M5)

Specimen Type: Swab

Sources: Dermal, eye, nasal, saliva, or throat

Supplies: Culturette (BBL Culture Swab) (T092)
M4-RT (T605)
Bartels FlexTrans VTM-3 mL (T892)
Jiangsu VTM-3 mL (T891)

Container/Tube: Multimicrobe media (M4-RT) and ESwabs

Collection instructions: Place swab back into multimicrobe media (M4-RT, M4, or M5)

Specimen Type: Tissue

Sources: Brain, colon, kidney, liver, lung, etc.

Supplies: M4-RT (T605)
Bartels FlexTrans VTM-3 mL (T892)
Jiangsu VTM-3 mL (T891)

Container/Tube: Sterile container containing 1 mL to 2 mL of sterile saline or multimicrobe medium (M4-RT, M4, or M5)

Specimen Volume: Entire collection

Collection instructions: Submit only fresh tissue in multimicrobe media (M4-RT) or a sterile container with 1 to 2 mL sterile saline

Specimen Type: Urine

Container/Tube: Sterile container

Specimen Volume: 1 mL

Collection instructions: Collect a random urine specimen.

Specimen Type: Bone Marrow
Container/Tube: Lavender top (EDTA)
Specimen Volume: 0.5 mL
Collection instructions: Send bone marrow in original tube. Do not aliquot.

Specimen Stability Information:

Specimen Type	Temperature	Time
Varies	Refrigerated (preferred)	7 days
	Frozen	7 days

Necessary Information:

Specimen source is required.

Cautions:

A negative result does not eliminate the possibility of cytomegalovirus (CMV) infection.

This assay is only to be used for patients with a clinical history and symptoms consistent with CMV infection and must be interpreted in the context of the clinical picture.

CPT Code:

87496

Day(s) Performed: Monday through Sunday

Report Available: 1 to 4 days

Questions

Contact James Conn, Laboratory Technologist Resource Coordinator at 800-533-1710.