



Congenital Cytomegalovirus (cCMV), Molecular Detection, PCR, Urine

Test ID: CCMVU

Useful for:

Aiding in the rapid diagnosis of cytomegalovirus infections in neonates 21 days of age or younger using urine specimens

Methods:

Real-Time Polymerase Chain Reaction (PCR)

Reference Values:

Negative

Specimen Requirements:

Supplies: Sarstedt Aliquot Tube 5 mL (T914)

Container/Tube: Plastic sterile container, 5 mL

Specimen Volume: 0.2 mL

Collection Instruction:

1. Collect a random urine from a urine bag, container, or catheter.
2. Transfer urine to sterile container.
3. No preservative

Specimen Stability Information:

Specimen Type	Temperature	Time
Urine	Frozen	72 hours

Cautions:

- This test is not validated for sample types other than urine specimens from infants 21 days of age or younger.
- Negative results do not preclude cytomegalovirus (CMV) infection and should not be used as the sole basis for treatment or other patient management decisions.

- False-negative results may occur if the viral nucleic acid is present at a level below the analytical sensitivity of the assay, if the virus has genomic mutations, insertions, deletions, or rearrangements, or if the assay is performed very early in the course of illness.
- The performance of this test has not been established for monitoring treatment of CMV infection.

CPT Code: 87496

Day(s) Performed: Monday through Sunday

Report Available: 1 to 2 days

Questions

Contact Brandon DeBoom, Laboratory Technologist Resource Coordinator at 800-533-1710.