

# CMV PCR

## Synonyms

CMV

## Clinical Indication

For diagnosis and monitoring of active CMV infection, particularly in immunocompromised patients. Detection of CMV DNA in urine sample within 3 weeks of birth in a neonate or in Guthrie card is diagnostic of congenital CMV infection. As CMV shedding and reactivation can occur in time of stress, the detection of CMV in body fluid such as saliva, respiratory secretions or even tissues need to be interpreted with caution and take into context the nature of the illness.

## Part of Profile / See Also

EBV, Adenovirus

## Request Form

ICE request or Microbiology form

## Availability / Frequency of Analysis

Referred test: Analysed at Micropathology ([9622](#))

On request during normal working hours. Samples are sent by overnight courier for processing the following day

## Turnaround Time

7-10 days

## Patient Preparation

None

## Sample Requirements

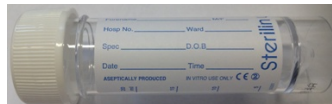
### Specimen Type

Urine or blood

### Volume

Minimum 10 ml of urine. In the case of newborn or very young children a smaller sample may be sufficient. Contact the Virology Laboratory for advice.

### Container



White capped sterile container



Yellow top SST



Purple top EDTA tube

**Samples MUST be transported to laboratory immediately**

## Reference Range & Units

Copies/mL.

## Interferences

Substances inhibitory to amplification may be present in the sample giving an invalid result

## Interpretation & Clinical

Interpretative comments are included on the final report

## Decision Value (if applicable)

## References

## Test code

CMVP

## Lab Handling

Samples should be sent to the reference laboratory as soon as possible

