MAYO CLINIC
Mayo Medical Laboratories

Test Definition: FCMVG

Cytomegalovirus (CMV) Genotype

Reporting Title: CMV Genotype
Performing Location: Quest Diagnostics/Nichols Institute

Specimen Requirements:

SUBMIT ONE ON THE FOLLOWING SPECIMENS:

Plasma:
Draw blood in a purple-top (EDTA) tube(s) or white top (EDTA PPT) tube(s). Spin down within 2 hours and send 1 mL of EDTA plasma frozen.
Specimen Stability Information: Frozen (preferred)/Refrigerated <8 days

Blood:
Draw blood in lavender-top (EDTA) tube(s), and send 2-5 mL of whole blood frozen.
Specimen Stability Information: Frozen (preferred)/Refrigerated <8 days

CSF:
Collect 1 mL in a sterile container and ship frozen.
Specimen Stability Information: Frozen

BAL:
Collect 1 mL in a sterile container and ship frozen.
Specimen Stability Information: Frozen (preferred)/Refrigerated <8 days

Specimen Type	Temperature	Time
Varies	Frozen	30 days

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
FCMVG	Z2088	Source	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z2088	Source	Alphanumeric		In Process
Z0476	UL97 Mutation	Alphanumeric		In Process

Result ID	Reporting Name	Type	Unit	LOINC®
Z0477	UL54 Mutation	Alphanumeric		In Process
Z2568	Ganciclovir (GCV) Resistance	Alphanumeric		In Process
Z2569	Foscarnet (PFA) Resistance	Alphanumeric		In Process
Z2570	Cidofovir (CDV) Resistance	Alphanumeric		In Process

CPT Code: 1 × 87910

Reference Values:

UL97 Mutation/UL54 Mutation: Not Detected

Ganciclovir (GCV)/Foscarnet (PFA)/Cidofovir (CDV): Not Predicted

The method used in this test is PCR and sequencing of the phosphotransferase (UL 97) gene and the polymerase (UL 54) gene of CMV.

Test Performed by: Quest Diagnostics Nichols Institute 33608 Ortega Highway
San Juan Capistrano, CA 92690-6130