

Test Definition: FCMVG

Cytomegalovirus (CMV) Genotype

Reporting Title: CMV Genotype

Performing Location: Quest Diagnostics/N

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 (see instructions)	30 days

Ask at Order Entry (AOE) Questions:

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



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Result Codes:

Result ID	Reporting Name	Туре	Unit	LOINC®
Z2088	Source	Alphanumeric		
Z0476	UL97 Mutation	Alphanumeric		
Z0477	UL54 Mutation	Alphanumeric		
Z2568	Ganciclovir (GCV) Resistance	Alphanumeric		
Z2569	Foscarnet (PFA) Resistance	Alphanumeric		
Z2570	Cidofovir (CDV) Resistance	Alphanumeric		

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Nucleic Acid Extraction	1	83891		
Billing only	Sep by Gel Electphoresis	1	83894		
Billing only	Amplif of Pt Nucl Acid	3	83898		
Billing only	Mut Ident by Seq, single	12	83904		
Billing only	Interpretation & report	1	83912		

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.

This test was developed and its performance characteristics have been determined by Quest Diagnostics Nichols Institute, San Juan Capistrano. Performance characteristics refer to the analytical performance of the test.

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