MAYO CLINIC LABORATORIES

Test Definition: FCYTG

Cytomegalovirus IgG Avidity

Overview

Method Name
Immunoassay

NY State Available
Yes

Specimen

Specimen Type
Serum

Specimen Required
Specimen Type: Serum
Container/Tube: Red
Specimen Volume: 1 mL
Collection Instructions: Draw blood in a plain, red-top tube, serum gel tube is acceptable. Spin down and send 1 mL of serum refrigerated in a plastic vial.

Specimen Minimum Volume
0.5 mL

Reject Due To

Hemolysis	Mild OK; Gross reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	14 days	
	Ambient	7 days	
	Frozen	30 days	

Clinical & Interpretive

Clinical Information
Discrimination between recent (primary) and past cytomegalovirus (CMV) infection can be an important tool in the clinical management of pregnant women. Although nearly all individuals with recent CMV infection are positive for CMV IgM, individuals with past CMV may also express CMV IgM due to long-term IgM persistence or viral reactivation; thus,

detection of CMV IgM is not a reliable indicator of recent CMV infection. Measurement of CMV IgG avidity can assist in discriminating recent from past CMV infection. A low avidity index is a reliable indicator of CMV infection within the previous 6 months, a high avidity index essentially excludes the possibility that infection occurred within the previous 4 months. Avidity index values should be considered within the context of other laboratory findings and clinical signs.

Reference Values
>0.70

Interpretation
< 0.60 Low Avidity Index
0.60 - 0.70 Intermediate Avidity Index
> 0.70 High Avidity Index

Performance

PDF Report
No

Day(s) Performed
Sunday, Tuesday through Friday

Report Available
4 to 10 days

Performing Laboratory Location
Quest Diagnostics

Fees & Codes

Fees
- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification
This test was developed and its performance characteristics have been determined by Quest Diagnostics Infectious Disease. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CPT Code Information
86644

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Cytomegalovirus IgG Avidity

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FCYTG	Cytomegalovirus IgG Avidity	52984-2

Result ID	Test Result Name	Result LOINC® Value
Z5329	CMV IgG Avidity Index	52984-2