

## TEST CHANGE

### Cytomegalovirus Antibodies, IgG and IgM

0050622, CMV PAN

#### Specimen Requirements:

##### Patient Preparation:

Collect: Serum ~~separator tube~~ **Separator Tube** (SST).

Specimen Preparation: Allow specimen to clot completely at room temperature. Separate from cells ASAP or within 2 hours of collection. Transfer 2 mL serum to an ARUP ~~standard transport tube~~ **Standard Transport Tube**. (Min: 0.5 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens.

Transport Temperature: Refrigerated.

Unacceptable Conditions: Plasma or urine. Contaminated, hemolyzed, ~~icteric~~ or heat-inactivated specimens.

Remarks: Label specimens plainly as "acute" or "convalescent."

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

Methodology: Semi-Quantitative Chemiluminescent Immunoassay (~~CLIA~~)

Performed: Sun-Sat


Reported: 1-2 days

Note: This test should not be used for blood donor screening, associated re-entry protocols, or for screening ~~human cell, tissues, Human Cell, Tissues~~ and ~~cCellular~~ and ~~tissue-based products~~ **Tissue-Based Products** (HCT/P).

CPT Codes: 86644; 86645

New York DOH Approval Status: This test is New York DOH approved.

#### Interpretive Data:

Component	Interpretation
Cytomegalovirus Antibody, IgG	0.59 U/mL or less: Not Detected. 0.60-0.69 U/mL: Indeterminate. 

Cytomegalovirus Antibody, IgM	<p>Repeat testing in 10-14 days may be helpful. 0.70 U/mL or greater: Detected.</p> <p>29.9 AU/mL or less: Not Detected. 30.0-34.9 AU/mL: Indeterminate. Repeat testing in 10-14 days may be helpful. 35.0 AU/mL or greater: Detected. IgM antibody to CMV detected, which may indicate a current or recent infection. However, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection.</p>	
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Reference Interval:

Test Number	Components	Reference Interval
	CMV Antibody IgG	<=0.59 29.9 AU/mL or less