

Legacy Laboratory Services

Legacy Lab Alert

October 2017

An Important Update from Legacy Laboratory Services

Update: Cytomegalovirus IgG Antibody

Effective October 17, 2017, Legacy Laboratory Services will be performing Cytomegalovirus IgG Antibody. Please note that room temperature stability is unacceptable, refrigerated stability has decreased from 2 weeks to 2 days, and frozen stability has not been established. Specimens exceeding our stability criteria will be referred to ARUP Laboratories until extended stability studies are completed. Other changes to specimen requirements are listed in Table 1. There are no changes to the method or reference ranges.

Table 1: Specimens Requirements for Cytomegalovirus IgG Antibody – Significant changes are indicated in red font.

Name	NEW (Starts 10/17/17)	Current (Prior to 10/17/17)	
	Cytomegalovirus IgG Antibody	Cytomegalovirus IgG Antibody	
Performing Lab	Legacy Laboratory Services	ARUP Laboratories	
Mnemonic	CMVAB IGG	CMV-IGG	
Collect	Serum, one 5.0 mL gold (SST) or 7.0 mL red top tube	Serum, one 4.0 mL gold (SST) top tube, also acceptable: Serum from umbilical cord blood	
Handling	Allow serum to clot completely at room temperature (minimum - SST: 30 minutes, red top tubes: 60 minutes). Centrifuge and separate serum from cells ASAP.	Allow specimen to clot completely at room temperature. Separate serum from cells ASAP. Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens. Please mark the specimen plainly as Acute or Convalescent.	
Preferred Volume	0.5 mL Serum	1.0 mL Serum	
Minimum Volume	0.25 mL (0.75 mL minimum whole blood draw)	0.5 mL (1.2 mL minimum whole blood draw)	
Transport	Refrigerated (2-8 °C)	Refrigerated (2-8 °C)	
Rejection Criteria	Grossly hemolyzed or lipemic samples; heat inactivated samples; plasma.	Contaminated, hemolyzed, or heat-inactivated specimens, urine	
Stability	Room Temp (18-26°C)	Unacceptable	2 days
	Refrigerated (2-8°C)	2 days	2 weeks
	Frozen (< -20°C)	Unacceptable	1 year; avoid repeated freeze/thaw cycles
Reference Ranges	Cytomegalovirus IgG Antibody: <=0.59 U/mL Negative for CMV IgG Antibody 0.60-0.69 U/mL Equivocal for CMV IgG Antibody. Repeat testing in 7-14 days may be helpful. >=0.70 U/mL Positive for CMV IgG Antibody.	Cytomegalovirus Antibody, IgG: 0.59 U/mL or less: Not Detected 0.6-0.69 U/mL: Indeterminate. Repeat testing in 10-14 days may be helpful. 0.70 U/mL or greater: Detected	
Performed	Monday-Friday	7 days/week	
Reported	24-72 hours	Within 24 hours	
Method	Chemiluminescent Immunoassay	Chemiluminescent Immunoassay	

For additional information, please contact your account representative, client services or consult our website: Legacy Laboratory Client Services: 503-413-1234, 877-270-5566, www.legacyhealth.org/labservices