

TEST CHANGE

Mycoplasma pneumoniae Antibody, IgG

0050397, MYCO-G

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP [standard transport tube](#). ~~Standard Transport Tube~~. (Min: 0.1 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens. Mark specimens plainly as "acute" or "convalescent."

Transport Temperature: Refrigerated.

Unacceptable Conditions: Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens.

Remarks:

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

Methodology: Semi-Quantitative Enzyme-Linked Immunosorbent Assay [\(ELISA\)](#)

Performed: Sun-Sat

Reported: 1-~~3~~2 days

Note:

CPT Codes: 86738

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

Interpretive Data:

Over 50 percent of healthy adults have a relatively high background of specific *M. pneumoniae* IgG antibodies in their sera, probably because of past *M. pneumoniae* infections. Therefore, paired sera obtained with a time interval of 1 to 3 weeks are highly recommended in adults to confirm reinfection by *M. pneumoniae*, which is demonstrated by a significant change in IgG antibodies. A significant change is indicated if one specimen is above 0.32 U/L and the other is below 0.20 U/L.

Reference Interval:

< 0.10 U/L: Negative
0.10-0.32 U/L: Equivocal

> 0.32 U/L: Positive
