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## ***Chlamydia* IgG, Immunofluorescence, Serum**

**Test ID:** CHLG

**Useful for:**

Assessing IgG antibody levels to aid in the clinical diagnosis of *Chlamydia pneumoniae* or *Chlamydia psittaci* infections

**Methods:**

Micro-Immunofluorescent Antibody (MIF) Assay

**Reference Values:**

*Chlamydia pneumoniae*

<1:64

*Chlamydia psittaci*

<1:64

**Specimen Requirements:**

**Collection container:**

**Preferred:** Serum gel

**Acceptable:** Red top

**Submission Container:** Plastic vial

**Specimen Volume:** 0.3 mL

**Minimum Volume:** 0.15 mL

**Specimen Stability Information:**

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	30 days
	Frozen	30 days

**Cautions:**

- Antichlamydial IgG can persist for years. All results from chlamydial serologies must correlate with clinical history and other data available to the physician.

- Specimens collected too early during primary infection may not contain detectable antibodies. If chlamydial infection is suspected, a second specimen should be collected 10 to 21 days later and tested in parallel with the original specimen.
- During a primary *Chlamydia* infection, the early antibody response may be cross-reactive with multiple *Chlamydia* species.
- This assay does not report antibodies detected against *Chlamydia trachomatis*. Sera from suspected cases of lymphogranuloma venereum (LGV) should be tested by a Lymphogranuloma Venereum Differentiation Antibody Panel. LGV testing is not performed by Mayo Clinic Laboratories; call 800-533-1710 for assistance in ordering.
- Due to the limited sensitivity and specificity of *Chlamydia* serologic tests, patients with suspected *C trachomatis* infection should be tested by a molecular method (eg, CTRNA / *Chlamydia trachomatis*, Nucleic Acid Amplification, Varies) when clinical manifestations are present.

**CPT Code:**

86631 x 2

**Day(s) Performed:** Monday through Friday

**Report Available:** 1 to 4 days

**Questions**

Contact Dunisha Messmer, Laboratory Technologist Resource Coordinator at 800-533-1710.