

TEST CHANGE

Entamoeba histolytica (amebiasis), Antibody, IgG

0050070, AMB

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 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: Contaminated, heat-inactivated, hemolyzed, or severely lipemic 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: Tue, ~~Fri~~

Reported: 1-~~8~~5 days

Note: In the case of extraintestinal complications, a positive antibody can indicate amebiasis even though stool findings are negative.

CPT Codes: 86753

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

Interpretive Data:

Seroconversion between acute and convalescent sera is considered strong evidence of recent infection. The best evidence for infection is a significant change on two appropriately timed specimens where both tests are done in the same laboratory at the same time.

Reference Interval:

Effective February 6, 2017

8 U or less: Negative - No significant level of detectable *E. histolytica* IgG antibody.

9 - 11 U: Equivocal - Repeat testing in 10-14 days may be helpful.

12 U or greater: Positive - IgG antibody to *E. histolytica* detected, suggestive of a current or past infection.
