

TEST CHANGE

Trypanosoma cruzi ~~Antibody~~, IgG, purified antigen

0051076, CHAGAS 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. (Min: 0.3 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days of the acute specimens. Mark specimens plainly as "acute" or "convalescent."

Transport Temperature: Refrigerated. Also acceptable: Room temperature or frozen.

Unacceptable Conditions: Plasma. 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

Methodology: Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)

Performed: Mon, Wed, Fri

Reported: 1-~~6~~8 days

Note: T. cruzi IgG , Purified Antigen assay is performed using the Hemagen Chagas Kit.

CPT Codes: 86753

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

Interpretive Data:

~~This assay should not be used for blood donor screening or associated re-entry protocols, or for screening Human Cell and Cellular Tissue Based Products (HCT/Ps).~~

According to the CDC, at least two different serologic tests should be used to make the laboratory diagnosis of chronic Chagas Disease, as no single serologic test is sufficiently sensitive and specific. If results between the two assays are discrepant, repeat testing or testing by a third method may be helpful.

This assay should not be used for blood donor screening or associated re-entry protocols, or for screening Human Cell and Cellular Tissue-Based Products (HCT/Ps).

Component	Unit Of Measure	Interpretation
Trypanosoma cruzi Antibody, IgG	1.0 IV or less 1.1 IV 1.2 IV or greater	Negative - No significant level of Trypanosoma cruzi IgG antibody detected. Equivocal - Questionable presence of Trypanosoma cruzi IgG antibody detected. Repeat testing in 10-14 days may be helpful. Positive - IgG antibodies to Trypanosoma cruzi detected, which may suggest current or past infection.

Reference Interval:

Test Number	Components	Reference Interval
	Trypanosoma T. cruzi Antibody IgG, Purified Antigen	1.0 IV or less