

NEW TEST – Available Now

[Click for Pricing](#)

Trypanosoma cruzi Antibody, IgG Panel

3020058, CHAGAS PAN

Specimen Requirements:

Patient Preparation:

Collect: Plain red or 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: 0.5 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 days

Note: T. cruzi IgG , Recombinant Antigen assay is performed using the Wiener Chagatest ELISA recombinante v.3.0. T. cruzi IgG , Purified Antigen assay is performed using the Hemagen Chagas Kit.

CPT Codes: 86753 x2

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

Interpretive Data:

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 |
|-----------------------------------|--|--|
| T. cruzi IgG, Recombinant Antigen | 0.8 S/Co or less 0.9 to 1.1 S/Co 1.2 S/Co 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. |
| T. cruzi IgG, Purified Antigen | 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 |
|-------------|-----------------------------------|--------------------|
| | T. cruzi IgG, Recombinant Antigen | 0.8 S/Co or less |
| | Trypanosoma cruzi Antibody, IgG | 1.0 IV or less |

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.

