

## ***Trypanosoma cruzi* (Chagas) Antibody Panel, Serum**

**Test ID:** CRUZI

**Useful for:**

Diagnosis of chronic *Trypanosoma cruzi* infection (Chagas disease) using two different methods per current guidelines

**Profile Information:**

Test ID	Reporting Name	Available Separately	Always Performed
CHAGS	T. cruzi Total Ab, EIA, S	No	Yes
CHAGL	T. cruzi IgG, LFA, S	No	Yes
CHAGI	T. cruzi Interpretation	No	Yes

**Methods:**

CHAGS: Enzyme-Linked Immunosorbent Assay (ELISA)

CHAGL: Lateral Flow Assay (LFA)

**Reference Values:**

Negative

Reference values apply to all ages.

**Specimen Requirements:**

**Supplies:** Sarstedt Aliquot Tube 5 mL (T914)

**Collection Container/Tube:**

**Preferred:** Serum gel

**Acceptable:** Red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 1 mL

**Specimen Minimum Volume:** 0.75 mL

**Specimen Stability Information:**

Specimen Type	Temperature	Time
Serum	Frozen	14 days

**Cautions:**

- False-positive results may occur in patients infected with *Leishmania* species or other *Trypanosoma* species, including *Trypanosoma rangeli*. Additionally, false-positive results with the *T cruzi* lateral flow assay have been detected in patients with hepatitis C, toxoplasmosis, or syphilis.
- A diagnosis of chronic Chagas disease requires both clinical evaluation (including exposure history) and laboratory results. Chagas disease should not be diagnosed based on a single serologic result alone.
- A single negative result does not exclude the diagnosis of Chagas disease as antibodies to the pathogen may not yet be detectable. Sensitivity of the assay may be decreased in significantly immunosuppressed patients

**CPT Code:**

86753 x2

**Day(s) Performed:** Monday

**Report Available:** Same day/1 to 8 days

**Questions**

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