

***Trypanosoma cruzi* Total Antibody, Enzyme-Linked Immunosorbent Assay, Serum**

Test ID: CHAGS

Explanation:

This test will become non-orderable and will only be available within the following profile, CRUZI: *Trypanosoma cruzi* (Chagas) Antibody Panel, Serum.

Recommended Alternative Test:

***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.