

Rekom CHAGAS High-Quality Raw Material

Chagas disease, caused by infection with the parasite *Trypanosoma cruzi*, is an endemic infection in Central and South America. It has been estimated to affect between 16 and 18 million people in Latin America alone, with a further 100 million considered at risk.

According to the Division for the Control of Tropical Diseases of the World Health Organization, Chagas disease is still considered an important world public health problem. Chagasic infection is diagnosed mostly when specific antibodies (Abs) against *T. cruzi* antigens (Ags) are detected in a patient's blood, by use of conventional serological methods, such as enzyme-linked immunosorbent assay (ELISA) and indirect hemmagglutination (IHA).

The majority of the commercially available ELISAs employ antigens obtained by lysis of epimastogote or trypomastigote forms of *T. cruzi*. These tests are sensitive but often fail to distinguish between *T. cruzi*-specific and *Leishmania* sp.-specific antibodies, thus leading frequently to false-positive results.

NAME	REFERENCE	SOURCE	APPLICATION	DESCRIPTION
1F8	RAG0003	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Calcium-binding flagellar antigen
B13	RAG0103	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	CA-2 surface antigen, oka. Ag2, PEP2, TcR34
FRA	RAG0005	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Cytoskeleton assoc. antigen, oka. Ag1, JL7, H49
ChimChagas1	RAG0093 🏆	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
ChimChagas2	RAG0094 🏆	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
ChimChagas3	RAG0096 🏆	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
	RAG0096BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	ChimChagas3 biotinylated

🏆 Best seller (Satisfaction guarantee)

WB: Western Blot
DB: Dot Blot
IE: Indirect ELISA
DE: positive control in direct ELISA
CLIA: Chemiluminescent Immunoassay
LF: Lateral Flow
CE: Capture ELISA
DAS: Double antigen sandwich
NP: nanoparticles binding
PO: plate orientation

Pack size: 0.1 mg; 1 mg; bulk
Format: liquid; lyophilised