

AM01252SU-N**Monoclonal Antibody to Trypanosoma cruzi LPG - Ascites****Quantity:** 0.5 ml**Background:** *Trypanosoma cruzi*, the protozoan parasite that causes Chagas' disease in humans, has a complex life cycle alternating between the insect vector and the mammalian host. In the vector, it multiplies as noninfective epimastigotes that migrate to the hindgut and differentiate into infective metacyclic trypomastigotes. A lipophosphoglycan (LPG)-like glycoconjugate is expressed on the cell surface of *Trypanosoma cruzi* epimastigotes. It migrates as a homogeneous band (42 kDa). *T. cruzi* LPG has large amounts of glucosamine and sialic acid as well as galactosamine and is anchored on the cell surface via an alkylacylphosphatidylinositol.**Host / Isotype:** Mouse / IgM**Clone:** Tcr7D3**Immunogen:** T. cruzi LPG purified from epimastigotes.**Format:** **State:** Lyophilized Ascitic Fluid**Preservatives:** None**Stabilizers:** None**Reconstitution:** Restore with 0.5 ml distilled sterile water**Applications:** **ELISA.****Immunofluorescence.****Immunoblotting.**

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody reacts with *Trypanosoma cruzi* LPG.**Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.