

Recombinant Chagas Microtubule-Associated Protein

Cat. No. CMAP-167C Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Chagas
Source	E.coli
Description	Recombinant T. cruzi (Chagas) Microtubule-Associated Protein, MAP produced in the E.coli Expression System. This protein binds to T. cruzi (Chagas) converted human serum polyclonal antibodies in ELISA and Western Elisa. Qualified for one-step immunochromatographic diagnostic tests.
Form	Frozen Liquid
Molecular Mass	20.1 kD
Purity	> 98 % by SDS-PAGE
Applications	In-Vitro Diagnostics; Immunization.
Notes	Recommended concentrations for use are approximate values. A dose dependent response assay should be performed to determine the optimal concentration for use in specific applications. ELISA and Western ELISA require 10-100ng protein depending on the nature and

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affinity of the detection reagent. Human serum polyclonal antibodies yield titers of 1:1000 or greater at 100ng of immobilized protein under standard ELISA conditions. Protein concentration for lateral flow rapid diagnostics range from 1-2mg/ml, 1ul/cm.

Stability	At least 2 years at -75 centigrade.
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Storage	Store at -75 centigrade.
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Dilutions	PBS, 5% glycerol
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