

PRODUCT SPECIFICATIONS

Name	Recombinant cTnT antigen, 100 µg
Description	Recombinant human cardiac troponin T antigen (isoform 6) with a C-terminal histidine tag. Predicted molecular weight: 36 kDa.
Amino acid sequence	MSDIEEVVEEYEEEEQEEAAVEEQEEAAEEDAEEAEAEETEETRAEEDDEEEEAKEAEDGPMEEESKPKPRSF MPNLVPPKIPDGERVDFDDIHRKRMEKDLNELQALIEAHFENRKKKEEELVSLKDRIERRRAERAEQQ RIRNEREKERQNRLAEERARREEEENRRKAEDEARKKKALSNNMMHFGGYIQKQAQTERKSGKRQTE REKKKKILAERRKVLAIIDLHNLNEDQLREKAKELWQSIYNLEAEKFDLQEKFKQKYEINVLRNRINDNQ KVSKTRGKAKVTGRWKLEHHHHHH
Production host	<i>Escherichia coli</i> (<i>E. coli</i>)
Product code	610101
Product formulation	Lyophilized
Product buffer	50 mM Tris-HCl, pH 7.5; 150 mM NaCl, 4 M urea; containing 3 % sucrose, 2 % D-mannitol, and 0.01 % Tween 20 as stabilizers
Reconstitution	Reconstitute the lyophilized protein with 200 µl of deionized water
Shelf life and storage	Unspecified, storage at 2-8 °C
Analyte description	Troponins form a complex of three regulatory proteins (troponin C, I and T) that are integral to muscle contraction in skeletal and cardiac muscles. Serum cardiac troponin tests can be used to help diagnose several different heart disorders, especially myocardial infarction.
Product concentration	0.5 mg/ml when reconstituted with 200 µl of deionized water
Purity	SDS-PAGE 
Reactivity with MedixMABs	Anti-h cTnT 3701: + Anti-h cTnT 3703: + Anti-h cTnT 3708: + Anti-h cTnT 3709: + Anti-h cTnT 3710: + Anti-h cTnT 3711: + Anti-h cTnT 3712: +

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