

Anti-Troponin I (27-73) Detection Antibody

04/20

CATALOG NO.: A2105-100 (100 µg)

BACKGROUND DESCRIPTION: Cardiac Troponin I (cTnI) is a cardiac regulatory protein, which regulates the interaction of actin and myosin in the presence of calcium. cTnI is exclusively present in the myocardium, unlike its counterpart Cardiac Troponin T (cTnT), that is found to be minimally expressed in skeletal muscles. Measurement of cTnI levels in the serum is indicative of the extent of damage to the cardiac muscle. cTnI levels in the serum are not visible until 4 hours after the onset of myocardial damage. Serum levels of cTnI indicative of myocardial infarction are in the range of 0.1 – 2 µg/litre.

ALTERNATE NAMES: cardiac Troponin I, Troponin I, cTnI

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Mouse / IgG1

IMMUNOGEN: Cardiac Troponin I (epitope 27-73 aa)

PURIFICATION: Ion exchange purified

FORM: Liquid

FORMULATION: In 10 mM PBS, pH 8, 50 mM NaCl, 0.1% Sodium azide

STORAGE CONDITIONS: Short Term 2-8°C, Long Term -20°C. Avoid freeze/thaw cycles

APPLICATIONS & USAGE: ELISA, Lateral Flow

Note: This product is not for diagnostic purposes. It is the sole responsibility of the user to assume care, control and custody of the material, and ensure appropriate disposal, as per all regulations.

RELATED PRODUCTS:

Anti-ST2 Capture Antibody (A2098)
Anti-Myoglobin Capture Antibody (A2096)
Anti-D-Dimer Detection Antibody (A2091)
Anti-CK-MB Detection Antibody (A2089)

FOR RESEARCH USE ONLY! Not to be used on humans.