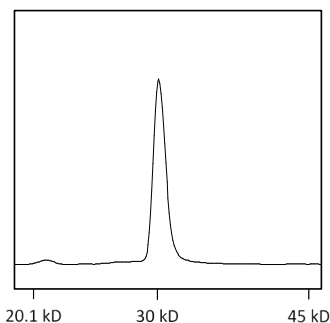


Recombinant cTnI antigen, 100 µg

Catalog number	610102
Description	Recombinant human cardiac troponin I antigen with a C-terminal histidine tag. Predicted molecular weight: 26 kDa
Amino acid sequence	MADGSSDAAREPRPAPAPIRRRSSNYRAYATEPHAKKKSKISASRKLQLK TLLLQIAKQELEREAEERRGEKGRALSTRCQPLELAGLGFAELQDLCRQL HARVDKVDDEERYDIEAKVTKNITEIADLTQKIFDLRGKFKRPTLRRVRISAD AMMQALLGARAKESLDLRAHLKQVKKEDMEKENREVGDWKRNIDALSG MEGRKKKFESESSGGGSLEHHHHHHHHH
Product host	<i>Escherichia coli (E. coli)</i>
Product formulation	Lyophilized
Product buffer solution	Lyophilized from 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 8 M urea; containing 3 % sucrose, 2 % D-mannitol, and 0.01 % Tween 20 as stabilizers
Reconstitution	Reconstitute the lyophilized protein with 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	N/A
Purity	Capillary electrophoresis (CE-SDS)



Antibodies tested	Anti-h cTnI 9701/RC9701: + Anti-h cTnI 9703: + Anti-h cTnI 9705: + Anti-h cTnI 9707/RC9707: + Anti-h cTnI RC9750: +
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