

Product Datasheet

Human Troponin I Type 3 (cardiac) ELISA Kit (Colorimetric) KA0233

Unit Size: 1 Kit

Store at 4°C.

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KA0233**Human Troponin I Type 3 (cardiac) ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4°C.
Product Description	
Description	Quality control test: Standard curve. Troponin I (Human) ELISA Kit is an enzyme immunoassay for the quantitative measurement of troponin I.
Gene ID	7137
Gene Symbol	TNNI3
Species	Human
Kit Components	Component, Antibody-Coated Wells: Microtiter wells coated with mouse monoclonal anti-TnI., Reference Standard Set: Contains 0, 2.0, 7.5, 30, and 75 ng/ml TnI, lyophilized., cTnI Enzyme Conjugate Reagent: Contains mouse monoclonal anti-TnI conjugated to horseradish peroxidase in Tris Buffer-BSA solution with preservatives, TMB Reagent: Contains one-step TMB solution., Stop Solution: Contains diluted hydrochloric acid (1N HCl)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	0 to 75 ng/mL
Sensitivity	1 ng/mL
Inter Assay	CV% < 5.04%
Intra Assay	CV% < 3.78%
Assay Type	Sandwich ELISA
Suitable Sample Type	Serum
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	Useful for quantification.



Publications

Zhao L, Zhang B. Doxorubicin induces cardiotoxicity through upregulation of death receptors mediated apoptosis in cardiomyocytes. *Sci Rep* 2017-03-16 [PMID: 28300219]

Wang S, He W, Wang C. MiR-23a regulate the vasculogenesis of coronary artery disease by targeting EGFR. *Cardiovasc Ther* 2016-04-17 [PMID: 27085964]

Long G, Wang F, Duan Q et al. Circulating miR-30a, miR-195 and let-7b Associated with Acute Myocardial Infarction *PLoS One*. 2012-12-07 [PMID: 23236408]

Wang F, Long G, Zhao C et al. Plasma microRNA-133a is a new marker for both acute myocardial infarction and underlying coronary artery stenosis. *J Transl Med*. 2013-09-23 [PMID: 24053180]

Doherty KR, Talbert DR, Trusk PB et al. Structural and functional screening in human induced-pluripotent stem cell-derived cardiomyocytes accurately identifies cardiotoxicity of multiple drug types. *Toxicol Appl Pharmacol*. 2015-04-02 [PMID: 25841593]

Lagerqvist EL, Finnin BA, Elliott DA et al. Comparing mouse and human pluripotent stem cell derived cardiac cells: Both systems have advantages for pharmacological and toxicological screening. *J Pharmacol Toxicol Methods*. 2015-05-06 [PMID: 25957031]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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