



Native Human Cardiac Troponin I (>95%) (DAG-WT1218)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Purity	> 95%
Conjugate	N/A
Applications	Immunoassays
Molecular Weight	24 kDa
Format	Liquid
Size	100 µg, 1 mg
Buffer	8 M Urea, 50 mM Tris.HCl, 15 mM β-mercaptoethanol, 1 mM EDTA, pH 8.0
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	Human troponin I is presented in cardiac muscle tissue by a single isoform with molecular weight 23876 Da and it consists of 209 amino acid residues. cTnI molecule contains two serines in the 22 and 23 positions. Both amino acid residues can be phosphorylated in vivo by protein kinase A, so four forms of protein-one dephospho, two monophospho and one bisphospho-can coexist in the cell.
Keywords	Troponin I; Cardiac Troponin 1; cTnI; TNNT1