

CERTIFICATE OF ANALYSIS

RECOMBINANT HUMAN PROTEIN

Recombinant Human Troponin T

Code No.	P724-3
Grade	Highly Pure
Lot No.	XXXX-20

RECEIVER INFORMATION

Expiry Date	(Assign 5 years from the Date of Manufacture)
Manufacture Date	DD MMM YYYY
Storage Temperature	Below -15°C
Storage Notes	Avoid freeze thaw cycles
Shipping Notes	Shipped on dry ice

PRODUCT INFORMATION

Source	Recombinant from <i>Escherichia coli</i>
Nominal Purity	>96%
Presentation	Single homogenous batch, supplied liquid frozen in 50mM Tris-HCl, pH 7.5 containing 0.5M NaCl, 2mM EDTA and 5mM β-mercaptoethanol
Recovery	In order to meet our customer needs, it should be noted that there is normally a dispensing overage allowance and the product quantity may, therefore, be greater than expected

HEALTH AND SAFETY

Application	For research and manufacturing only
Material Safety	For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.

ANALYSIS

TEST	SPECIFICATION	RESULTS
<u>Determination Method</u>		
Protein concentration by Optical Density at 280nm using $E^{1cm}_{0.1\%} = 0.49$	>1.0 mg/ml	XX mg/ml
SDS-Polyacrylamide Gel Electrophoresis (Post dispensing QC result)	To show a major band corresponding to Troponin T protein at approximately 35 kDa	Pass / Fail
Western Blot (Post dispensing QC result)	Positive reaction with specific polyclonal anti-cardiac Troponin T antibody	Pass / Fail
Bioburden	<100 CFU/ml	Pass / Fail
Physical Appearance	Clear colourless solution, frozen	
Purity	Defined by Coomassie stained SDS-PAGE	

Name:		Position:	
Signed:		Date:	