

CERTIFICATE OF ANALYSIS

RECOMBINANT HUMAN PROTEIN

Recombinant Human Procalcitonin

Code Number	P742-1
Grade	Highly Pure
Lot Number	

RECEIVER INFORMATION

Expiry Date

Manufacturing Date DD Month YYYY

Storage Temperature Below -15°C

Shipping Notes Cool pack

PRODUCT INFORMATION

Source Recombinant from *Escherichia coli*

Nominal Purity > 96% defined by Coomassie stained reduced SDS-PAGE

Presentation Single homogenous batch, supplied lyophilised from 50mM NaH₂PO₄, pH7.5 containing 150mM NaCl

Reconstitution Advice To ensure full product recovery, it is advised that reconstitution is performed directly into supplied vial incorporating further washings with the reconstitution buffer

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

TESTS	SPECIFICATION	RESULTS
<u>Determination Method</u>		
Protein concentration by BCA of dispensing solution	≥ 0.5 mg/ml	XX mg/ml
Roche B.R.A.H.M.S (Solution reconstituted to 1mg/ml)	Report result	XX mg/ml
Non-reducing SDS-Polyacrylamide Gel Electrophoresis	To show a major band corresponding to PCT protein at approximately 13 kDa	Pass/Fail
Reducing SDS-Polyacrylamide Gel Electrophoresis	To show a major band corresponding to PCT protein at approximately 13 kDa	Pass/Fail
Western Blot	Positive reaction with specific monoclonal anti-procalcitonin antibody	Pass/Fail
Bioburden	< 100 CFU/ml	Pass/Fail
Physical Appearance	White, lyophilized solid	
Purity	Defined by Coomassie stained reduced SDS-PAGE	

Name:		Position:	
Signed:		Date:	