

CARDIOMYOCYTES



ISOLATION OF CARDIOMYOCYTES WITH COLLAGENASE NB

In the following, application details for isolation of cardiomyocytes from rodent and human heart tissue are presented.

Species	Enzyme	Conditions	
Rat (adult)	Collagenase NB 8	0.5 PZ U/ml, 45-60 min, 37 °C	
Human*	Collagenase NB 8	0.8-1.0 PZ U/ml, 2-3.5 h, 37 °C	

* For information on GMP grade Collagenase NB please [contact us!](#)

Collagenase NB 8 Broad Range (cat. no. S1745601) is characterized by a high collagenase activity (≥ 0.9 PZ U/mg) and reduced levels of proteolytic side activities.

Isolation conditions

The suggested Collagenase NB concentrations and isolation conditions should be regarded as starting points. Collagenase NB dosage is recommended in PZ units to ensure consistent results.

For further information on optimization of tissue digestion please contact us at (631) 348-0333 or collagenase@crescentchemical.com or visit our website at www.crescentchemical.com.

Ordering:

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