

MUSCLE



ISOLATION OF MUSCLE CELLS WITH COLLAGENASE NB

In the following, application details for isolation of cells from human skeletal muscle and murine or human Cardiomyocytes are presented.

Cardiomyocytes from cardiac muscle tissue:

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	

Myocytes from skeletal muscle tissue:

Species	Enzyme	Conditions	
Human*	Collagenase NB 8	0.4-0.6 PZ U/ml, 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 Nordmark 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 us at www.crescentchemical.com.

Ordering:

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