

NEURONS



ISOLATION OF NEURONS WITH COLLAGENASE NB

In the following, application details for isolation of neurons from human and rodent dorsal root ganglia are presented.

Species	Enzymes	Conditions	
Human*	Collagenase NB 4 or Collagenase NB 6	0.15-0.25 PZ U/ml, 30-60 min, 37 °C	
Rodent	Collagenase NB 4	0.15-0.25 PZ U/ml, 30-60 h, 37 °C**	

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

**4-5 consecutive digestion steps are recommended

Collagenase NB 4 Standard Grade (cat. no. S1745401) has a collagenase activity of ≥ 0.1 PZ U/mg and a balanced mix of proteolytic side activities.

Collagenase NB 6 GMP Grade (cat. no. N0002779 and N0002880) has a collagenase activity of ≥ 0.1 PZ U/mg and a balanced mix of proteolytic side activities. It is manufactured according to GMP guidelines and sterile according to European Pharmacopoeia.

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 us at www.crescentchemical.com.

Ordering:

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