

EPITHELIAL CELLS



ISOLATION OF EPITHELIAL CELLS WITH COLLAGENASE NB

In the following, application details for isolation of epithelial cells from murine mammary glands, rodent gastric mucosa and human thyroid glands are presented.

Species	Enzymes	Conditions	
Human*	Collagenase NB 4G	0.25-0.3 PZ U/ml, RT	
Mouse	Collagenase NB 4	0.3-0.4 PZ U/ml, 15-25 min, 37 °C	
Rodent	Collagenase NB 4G	0.1-0.2 PZ U/ml, 30-60 min, 37 °C	

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

Collagenase NB 4 Standard Grade (cat. no. S1745402) has a collagenase activity of ≥ 0.1 PZ U/mg and a balanced mix of proteolytic side activities.

Collagenase NB 4G Proved Grade (cat. no. S1746501) has a collagenase activity of ≥ 0.18 PZ U/mg and a balanced mix of proteolytic side activities.

Collagenase NB 6 GMP Grade (cat. no. N0002779) 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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