

ISOLATION OF CELLS FROM GASTRIC/ INTESTINE TISSUE WITH COLLAGENASE NB

In the following, application details for isolation of epithelial cells from gastric mucosa and mastocytes from human intestinal mucosa are presented

Species	Enzyme	Conditions	
Rodent	Collagenase NB 4G	0.1-0.2 PZ U/ml, 30-60 min, 37 °C	
Human*	Collagenase NB 4G	0.5 PZ U/ml, 1 h, 37 °C	

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

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.

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:

Crescent Chemical Co., Inc.
2 Oval Drive
Islandia, N.Y. 11749
Phone (631) 348-0333 Fax (631) 348-0913
E-Mail: collagenase@crescentchemical.com
www.crescentchemical.com