

TUMOR



## ISOLATION OF TUMOR CELLS WITH COLLAGENASE NB

In the following, application details for isolation of cells from tumor tissue from breast, uterus, thyroid gland, lung, and colon are presented.

### Tumor cells from breast, uterus, thyroid gland or lung:

Species	Enzyme	Conditions	
Human*	Collagenase NB 8	3.5-5.5 PZ U/ml, 3-5 h, 37 °C	

### Tumor cells from colon:

Species	Enzyme	Conditions	
Human*	Collagenase NB 4G	0.5-1 PZ U/ml, RT	

### Tumor cells from murine skin:

Species	Enzyme	Conditions	
Mouse	Collagenase NB 8	0.12 PZ U/ml, 30 min, 37 °C	

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

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

**Collagenase NB 8 Broad Range (cat. no. S1745601)** is characterized by a high collagenase activity ( $\geq 0.9$  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@creseentchemical.com](mailto:collagenase@creseentchemical.com) or visit us at [www.crescentchemical.com](http://www.crescentchemical.com).

#### Ordering:

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