

## LUNG



### ISOLATION OF LUNG CELLS WITH COLLAGENASE NB

In the following, application details for isolation of cells from murine lung and human lung tumor cells are presented

Species	Enzyme	Conditions	
Mouse	Collagenase NB 4	0.2 PZ U/ml, 1 h, 37 °C	
Human*	Collagenase NB 8	3.5-5.5 PZ U/ml, 3-5 h, 37 °C	

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

**Collagenase NB 4 Standard Grade (cat. no. S1745401)** has a collagenase activity of  $\geq 0.1$  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 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 visit our support section!

For further information on optimization of tissue digestion please contact us at (631) 348-0333 or [collagenase@crescentchemical.com](mailto:collagenase@crescentchemical.com) or visit us at [www.crescentchemical.com](http://www.crescentchemical.com).

#### Ordering:

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