

# Translational Collagenase NB

## Clinical Trials and Commercial

Collagenase NB 6  
GMP Grade

Collagenase NB 1  
GMP Grade

Neutral Protease NB  
GMP Grade

## Process Development

Collagenase NB 5  
Sterile Grade

Collagenase NB 1  
Premium Grade

Neutral Protease NB

## Research and Development

Collagenase NB 4  
Standard Grade

Collagenase NB 1  
Premium Grade

Neutral Protease NB

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Biochemicals

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# Translational Collagenase NB

## Product Information

Collagenases with balanced side activities

	Research and Development		Process Development		Clinical Trials and Commercial	
Product	Collagenase NB 4 Standard Grade		Collagenase NB 5 Sterile Grade		Collagenase NB 6 GMP Grade	
Application	<ul style="list-style-type: none"> <li>Isolation of various cell types e. g. hepatocytes, cardiomyocytes, pancreatic islets, chondrocytes, tumor, fibroblasts, adipocytes, epithelial cells, stem cells, gangliocytes</li> </ul>		<ul style="list-style-type: none"> <li>Application fields see Collagenase NB 4 Standard Grade</li> <li>Sterile and thus ready to use</li> </ul>		<ul style="list-style-type: none"> <li>Application fields see Collagenase NB 4 Standard Grade</li> <li>Production of cells as well as tissue engineering for transplantation into humans</li> </ul>	
Regulatory Advantage			<ul style="list-style-type: none"> <li>Aseptic production according to European Pharmacopoeia (Ph. Eur.)</li> </ul>		<ul style="list-style-type: none"> <li>Aseptic production according to European Pharmacopoeia (Ph. Eur.)</li> <li>Manufactured according to international GMP guidelines</li> </ul>	
Cat. No./ Pack Size	S1745402 S1745401 S1745403	500 mg 1 g 5 g	N0002778	1 g	N0002880 N0002779	100 mg 1 g

Highly purified Collagenases

	Research and Development		Process Development		Clinical Trials and Commercial	
Product	Collagenase NB 1 Premium Grade		Collagenase NB 1 GMP Grade		Collagenase NB 1 GMP Grade	
Application	<ul style="list-style-type: none"> <li>Isolation of various cell types e.g. pancreatic islets, hepatocytes, dental pulp</li> <li>Use in combination with Neutral Protease NB</li> </ul>		<ul style="list-style-type: none"> <li>Application fields see Collagenase NB 1 Premium Grade</li> <li>Use in combination with Neutral Protease NB GMP Grade if isolation is followed by transplantation into humans</li> </ul>		<ul style="list-style-type: none"> <li>Application fields see Collagenase NB 1 Premium Grade</li> <li>Use in combination with Neutral Protease GMP Grade if isolation is followed by transplantation into humans</li> </ul>	
Regulatory Advantage			<ul style="list-style-type: none"> <li>Manufactured according to international GMP guidelines</li> </ul>		<ul style="list-style-type: none"> <li>Manufactured according to international GMP guidelines</li> </ul>	
Cat. No./ Pack Size	S1745503	≥2000 PZ U/Vial	N0002937	≥2000 PZ U/Vial	N0002937	≥2000 PZ U/Vial

Highly purified Neutral Protease

	Research and Development		Process Development		Clinical Trials and Commercial	
Product	Neutral Protease NB		Neutral Protease NB GMP Grade		Neutral Protease NB GMP Grade	
Application	<ul style="list-style-type: none"> <li>Tissue dissociation</li> <li>Cell isolation in combination with Collagenase NB 1 Premium Grade</li> </ul>		<ul style="list-style-type: none"> <li>Application fields see Neutral Protease NB</li> <li>Cell isolation in combination with Collagenase NB 1 GMP Grade for transplantation into humans</li> </ul>		<ul style="list-style-type: none"> <li>Application fields see Neutral Protease NB</li> <li>Cell isolation in combination with Collagenase NB 1 GMP Grade for transplantation into humans</li> </ul>	
Regulatory Advantage			<ul style="list-style-type: none"> <li>Manufactured according to international GMP guidelines</li> </ul>		<ul style="list-style-type: none"> <li>Manufactured according to international GMP guidelines</li> </ul>	
Cat. No./ Pack Size	S3030111 S3030112	50 DMC U/Vial 100 DMC U/Vial	N0002936	≥100 DMC U/Vial	N0002936	≥100 DMC U/Vial