

Merry Christmas
& Happy New Year!

2025

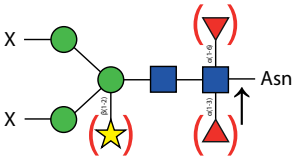
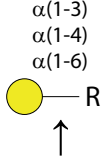
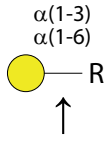


IMPORTANT DELIVERY INFORMATION

Our offices will be closed between **December 25th** and **January 1st**.
In-stock items ordered before **December 13th** will be shipped before Christmas.
The first orders to go out in **2025** will be on **January 2nd**.

5 New NEB Enzymes Available at Ludger

We are excited to announce that we have included 5 enzymes from New England Biolabs' catalogue in our growing product range. This strategic addition aims to enhance your glycan analysis workflows and deliver optimal results for your research and development needs.

PNGase A (Peptide A)	α -1,3,4,6 Galactosidase	α -1,3,6 Galactosidase
		
<p>LZ-rPNGaseA-01-S LZ-rPNGaseA-01-L</p>	<p>LZ-rGalactosidase-01-S LZ-rGalactosidase-01-L</p>	<p>LZ-rGalactosidase-02-S</p>
<p>Specification:</p> <p>PNGase A is an enzyme that cleaves N-linked glycans from glycoproteins, specifically targeting those with or without α (1>3)-fucosylation, such as plant and insect glycans. It is especially useful for releasing glycan structures that are resistant to PNGase F.</p> <p>Applications:</p> <ol style="list-style-type: none"> 1) N-Glycan analysis from glycoproteins derived from non-mammalian sources (plants and insects). 2) Structural glycomics and glycoprotein studies where fucosylation inhibits other deglycosylation enzymes. 	<p>Specification:</p> <p>α1-3,4,6 Galactosidase is a versatile exoglycosidase enzyme that catalyses the breakdown of terminal, non-reducing galactose residues connected via α1-3, α1-4, and α1-6 linkages in oligosaccharides</p> <p>Applications:</p> <ol style="list-style-type: none"> 1) Release of galactose residues in glycan remodeling experiments. 2) Fine-tuning glycan profiles in glycoproteomics and glycoengineering. 	<p>Specification:</p> <p>α-1,3,6 galactosidase is another highly specific enzyme designed to remove galactose residues attached by α-1,3 or α-1,6 linkages. Its application is indispensable for analysing and modifying complex galactosylated structures in glycan research.</p> <p>Applications:</p> <ol style="list-style-type: none"> 1) Digestion of specific galactose linkages in glycan structures for detailed glycan analysis. 2) Glycan structure-function studies and glycoprotein characterisation.

Head of Business Development Awarded PhD



We are pleased to announce that **Archana Shubhakar**, Head of Business Development, has successfully defended her PhD thesis, titled "*Glycan Biomarker Discovery: Method Development and Application to Inflammatory Bowel Disease*", at **Vrije Universiteit** in the Netherlands.

Her research marks a significant advancement in the field of glycomics. It focuses on two key areas: advancing glycan analysis for biopharmaceutical applications and identifying glycan biomarkers for inflammatory bowel disease (IBD). This research has contributed to our ongoing exploration of glycans in health and disease.

We warmly congratulate Dr Shubhakar on this remarkable achievement. Read more about her research journey, implications and future perspectives here: [VU News - Archana Shubhakar PhD Defense](#).

Join Us at Advances and New Horizons in Glycobiology

Ludger is thrilled to be one of the sponsors for the **Advances and New Horizons in Glycobiology conference** taking place in **London, UK** from 3rd to 5th December. Join us as we dive into the latest advancements in glycobiology, exploring everything from glycan structure and function to innovative biotechnological and medical applications.

With a dynamic lineup of invited speakers, the event will cover a diverse range of topics, including state-of-the-art analytics, advanced chemical biology methods, and exciting research on glycan applications in biotechnology and medicine.

Attend our talks

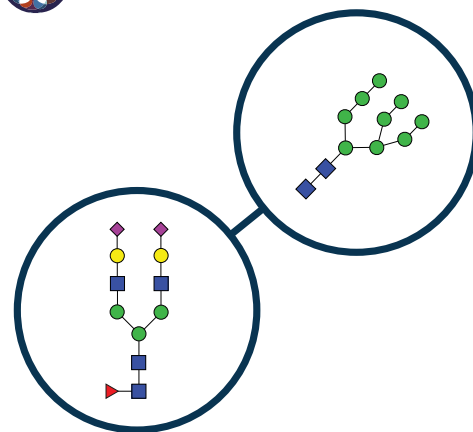
1. Poster and flash talk presentation titled "*Monosaccharide and N-glycan biomarkers for cardiovascular disease*": 03rd December 2024 at 04:15pm
2. Company Spotlight talk: 04th December 2024 at 9:45 am

Visit the Ludger booth

Network with us, meet our experts and learn more about how Ludger's expertise in glycobiology can help advance your research and application goals.

Not going to Advances and New Horizons in Glycobiology but are interested in learning more?

Get in touch with us at info@ludger.com to discuss how we can support and drive forward the applications of your glycobiology research.



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