



Ludger Mannose Glycan Standards

Ludger N-Glycan Nomenclature Table



Ludger recently participated in the 10th Biotherapeutics Analytical Summit 2019, in Alexandria, Virginia USA. Those who attended either the 'Advances in Characterization Methods & Approaches' or 'Comparability & Analytical Similarity' sessions would have received a company overview leaflet and a brochure with an overview of Ludger N-glycan standards with their naming system. This reference table provides a summary of variations for widely used glycan names as well as associated glycan structure annotations using these glycan nomenclatures a) Oxford Notation, b) Consortium for Functional Glycomics notation and c) Text only notation.

The use of glycan standards is fundamental for assessing system suitability, determining analytical process performance, quantifying samples, and structural elucidation during glycoanalysis. Ludger's N-glycan nomenclature table is designed to support you to identify the most appropriate glycan standards to incorporate into your analytical workflow.

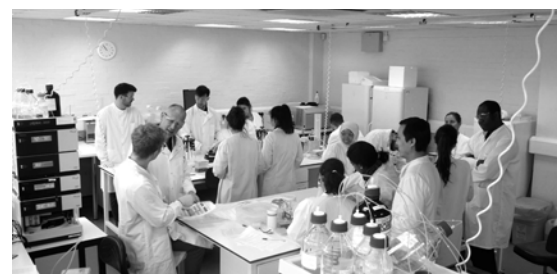
This document is available to view on our website: [N-Glycan Nomenclature Table](#)
Please be in touch if you would like further information on the range of glycan standards we offer at Ludger: info@ludger.com

A4B Leadership and Glycan Analysis Workshop

Ludger Ltd and Horizons Unleashed Ltd. are very pleased to have run a greatly successful workshop for the [Analytics for Biologics \(A4B\)](#) Marie Skłodowska Curie consortium early stage researchers (ESR). The ESRs explored their natural leadership styles and planned for the future. They attended a series of lectures on the importance of the role of glycans in biopharmaceutical efficacy and safety and how to characterise them. In addition, they spent two days in Ludger's training laboratory learning how to release glycans, fluorophore label and analyse samples using LC-MS systems. Feedback from the ESRs was excellent and we loved having them visit us!

The Analytics for Biologics consortium aims to train the next generation of independent thinking researchers in the science of producing the most effective and safe biopharmaceuticals. Ludger's focus is on getting a deeper understanding of glycosylation profiles of biopharma drugs with an aim of producing faster and better methods of characterisation aiding the drug developers in shaping their biologics to improve both their safety and function.

For more information on the A4B project and our other collaborations, please visit our [R&D webpages](#).



'Implementation of Glycan Standards into a Glycan Analysis Workflow' talk presented in Dublin, Ireland

Michael Butler the Chief Scientific Officer at the National Institute for Bioprocessing Research & Training (NIBRT) institute in Dublin invited Rad Kozak, Head of Glycoprofiling (Ludger) to present a talk on the importance and significance of glycan standards.

Rad's talk focused on emphasizing the need to include and implement the use of system suitability standards, reference standards, process standards as well as quantitative glycan standards for robust and reliable glycosylation analysis. The talk was well received by the contract bioanalytical services group and the research group at NIBRT.



For more information regarding Ludger's system suitability standards and controls please visit our feature page: www.ludger.com/system-suitability-standards

For any enquiries or to request a quotation, please contact us at: info@ludger.com

Top 10 Presentation Award to Ludger Scientist at ECCO Conference



Archana Shubhakar, Senior Scientist (Ludger) attended the 14th European Crohn's and Colitis Organization (ECCO) conference held at the Bella Centre in Copenhagen, Denmark.

Archana presented a talk entitled "Serum N-Glycomic Biomarkers Predict Treatment Escalation in Inflammatory Bowel Disease (IBD)" at the speed abstracting digital oral presentation. Her talk was well received and she won the best abstract presentation award for the 'Mechanisms of intestinal inflammation' session. The inset picture from the 14th Congress of ECCO, shows Archana (second from right) receiving the award at the presentation ceremony.

To find out more about our exciting IBD biomarker discovery project, and for regular updates on on R&D and [medical glycomics projects](#) at Ludger - sign-up to our [Glycotechnology News service](#) for regular updates.

Ludger at RCSI Research Day and Irish Laboratory Awards

Dr Daniel Spencer, Head of Development (Ludger) visited the laboratories of our collaborator Dr Marco Monopoli, STAR Research Lecturer at the Royal College of Surgeons in Ireland (RCSI) and attended the RCSI Research Day 2019. Marco presented an excellent talk entitled "Horizon 2020 European Training Network (ETN) 'NanoCarb'" where he described this new, exciting EU Marie Skłodowska Curie PhD programme. He also highlighted the collaborative work with Ludger focusing on glyco-production, chemoenzymatic modification of large molecules, nanoparticle handling and purification techniques.

In addition, Marco's laboratory was nominated in the category of "Best Irish start-up laboratory" at the Irish Laboratory Awards 2019 - Gala event held at The Ballsbridge Hotel, Dublin. Marco and Daniel attended this gala event with the some of the best lab groups in Ireland. The inset picture shows Daniel (left) and Marco (right) networking and enjoying the gala event.



NanoCarb



For more information on this and our other collaborations, please visit our [R&D webpages](#).

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