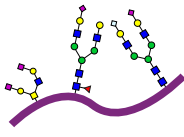
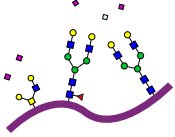

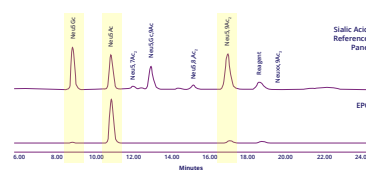


LudgerSep R1 UHPLC column

Designed for sialic acid profiling

LudgerTag DMB Sialic Acid Release & Labelling Kit

This kit has been developed for the quantitative analysis of sialic acids and contains all the reagents necessary for the release of sialic acids from glycoproteins and their conjugation with DMB dye by an amination-cyclisation reaction. Its larger kit size is ideal for high-throughput automated workflows used for the analysis of biological samples such as blood serum or plasma (see our workflow below).

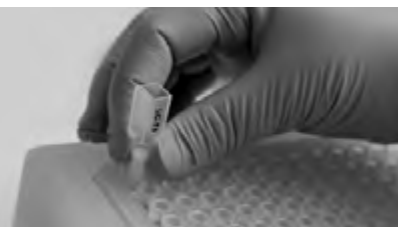
| Preparation* | Release | Labelling | RP-HPLC Analysis | | Results |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  |  | | Regulatory compliance during the quality control of biopharmaceuticals: 1) Drug safety and efficacy 2) Batch-to-batch consistency |
| Sample aliquots in a vacuum-centrifuge for 1-2hrs | LT-KDMB-12 LT-KDMB-A1 LT-KDMB-96 2M acetic acid @80°C for 2hrs | LT-KDMB-12 LT-KDMB-A1 LT-KDMB-96 DMB @50°C for 3hrs | LS-R1-4.6x150 25 µL for 30 min | LS-UR2-2.1x100 5 µL for 15 min | |
| Standards & Controls (run with your samples) | | | | | Key Indicators |
| Fetuin glycoprotein standard GCP-FET-50U-X4 | N-acetylneuraminic acid quantitative standards CM-NEU-AC-01 | | N-glycolyneuraminic acid quantitative standards CM-NEU-GC-01 | | Neu5AC & Neu5Gc amounts in nmol/mg of protein |
| A2G2S2 glycopeptide standard BQ-GPEP-A2G2S2-10U | N-acetylneuraminic acid qualitative standard CM-NEU5,9AC2-01 | | Sialic acid reference panel CM-SRP-01-C | | Relative proportions of Neu5,9,Ac2 |

*Not all sample types require drying (Preparation). E. g. Blood plasma and serum samples can be analysed directly.

For more information about this product, please visit [our website](#) or contact info@ludger.com.

LudgerClean™ T1 cartridges

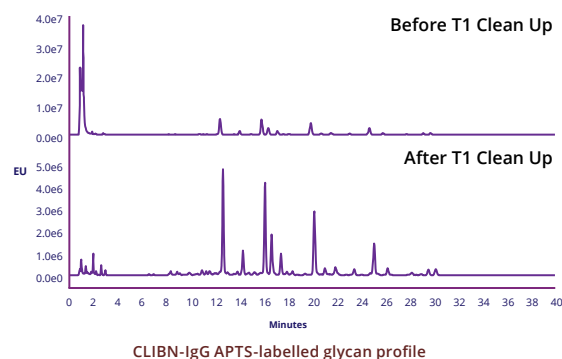
Use for high-throughput post-labelling clean-up



LudgerClean™ T1 cartridges remove excess dye from N- & O-glycan samples **enhancing peak readings** and **increasing the efficiency and longevity of HPLC columns**.

Features:

- Suitable for **high-throughput** workflows
- **Vacuum-manifold** compatible
- GMP **validated**
- **Versatility**: effective with 2-AB, 2-AA, and APTS-labelled samples
- 1 to 96 samples
- **30-minute** purification



We recommend following the workflow below for the best results.



[Click here](#) for more information on how to use LC-T1 cartridges or [contact us](#) for pricing or technical enquiries.

Join us at PEGS Boston 2026

Ludger is delighted to announce that **Dr Radoslaw P. Kozak** will be representing the company at **PEGS Boston 2026**, one of the world's leading gatherings for protein and antibody engineering innovators. As the biopharmaceutical landscape evolves rapidly, the conference provides an excellent forum for scientific exchange, new partnerships, and forward-looking collaboration.



Dr Kozak will also be presenting a **scientific poster** during the event, highlighting Ludger's latest advances in comprehensive glycosylation analysis for biopharmaceutical development. The poster showcases **regulatory-aligned workflows for sialic acid analysis, monosaccharide composition, and detailed N-glycan characterisation**, demonstrating how these approaches support a deeper understanding of critical quality attributes and therapeutic performance.

Throughout the meeting, Dr Kozak will be available to discuss the poster, share analytical perspectives, and explore challenges and opportunities across biologics, biosimilars, and advanced therapies.

We warmly invite researchers, industry partners, and technology innovators to **connect with Dr Kozak** at the poster session or throughout the conference to discuss collaboration and to help shape the next generation of biotherapeutics together.

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