

Ludger V-Tag Glycan Release and Labeling Kit

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You can do this via our website, [www.ludger.com](http://www.ludger.com)

## Grant news, Glyco-Nanoparticles for Applications in Advance Nanomedicine

Ludger is delighted to be part of the European Training Network (ETN) project NanoCarb which has been funded as an Innovative Training Network (ITN) under the Marie Skłodowska-Curie Actions (MSCA) of Horizon 2020. The overarching aim of the NanoCarb ETN project is to develop glycosylated nanoparticles with enhanced therapeutic actions for healthcare applications. The project has been awarded 4.2 million Euros and will run for four years starting in October 2018. It is being coordinated by Dr Marco Monopoli, Department of Chemistry, at the Royal College of Surgeons in Ireland and will recruit 15 Early Stage Researchers (ESRs). Dr Daniel Spencer (Ludger) will lead the training package for this project.

Members include:

- Accelopment AG, CH
- Royal College of Surgeons in Ireland, IE
- University of Warwick, UK
- Università degli Studi di Milano, IT
- CIC biomaGUNE, ES
- Vlaamse Instelling voor Technologisch Onderzoek, BE
- Ludger Ltd, UK
- Midatech Pharma, UK
- Istituto di Ricerche Farmacologiche Mario Negri, IT
- Horizons Unleashed Ltd, UK
- Attana AB, SE
- MJR PharmaJet GmbH, DE
- Fundacao da Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa, PT
- Universiteit Hasselt, BE
- University of the Basque Country, ES
- Malvern Panalytical, UK
- Consiglio Nazionale delle Ricerche, IT

Nano  Carb



For more information, visit: <http://www.accelopment.com/project-management/funded-projects/nanocarb>

## V-Tag kit instruction video available

We have produced a short video taking you through the V-Tag method (LT-VTAG-C30) in a step by step manner. This is now available on the following page of our website:  
[www.ludger.com/glyshape](http://www.ludger.com/glyshape)

The V-Tag kit has the following key features and benefits for N glycan analysis:

- Simple to use
- Economical (time and cost)
- Reliable

Contact us for more details: [info@ludger.com](mailto:info@ludger.com)



## Joint GlyCoCan and GlySign Business Process and Quality Management Workshop

From 15-18th of May 2018 Ludger hosted the joint GlySign EID and GlyCoCan ITN workshop at the Culham Science Centre, UK.

Early Stage Researchers from the Marie Skłodowska Curie Actions projects GlySign EID and GlyCoCan ITN attended this workshop to learn about business processes including the Business Model Canvas and the Value Proposition Canvas and to explore how these tools can be useful in managing successful outcomes from their own PhD projects. In addition to this they also learnt about the value of robust Quality Management within an organisation. The workshop included seminars and interactive discussions. Activities included having a go at being a drinks manufacturer entrepreneur, which was coupled with a visit and tour of a local brewery.

This event was a great success.

For more information on the GlySign and GlyCoCan projects, please visit our [Research and Development for Medical Glycomics](#) webpage.



## Mannose 6 phosphate monosaccharide standard

The monosaccharide mannose 6-phosphate is a key recognition marker added to N-glycans on lysosomal enzymes to allow selective targeting of these enzymes to lysosomes. As such it is a critical sugar in the production of lysosomal biopharmaceuticals. We have now added a mannose 6-phosphate standard to our range of standards to help scientists identify and analyse this sugar.

Cat # CM-MAN6P-10  
Size: 10nmol

For more information and order enquiries, contact:  
[info@ludger.com](mailto:info@ludger.com)

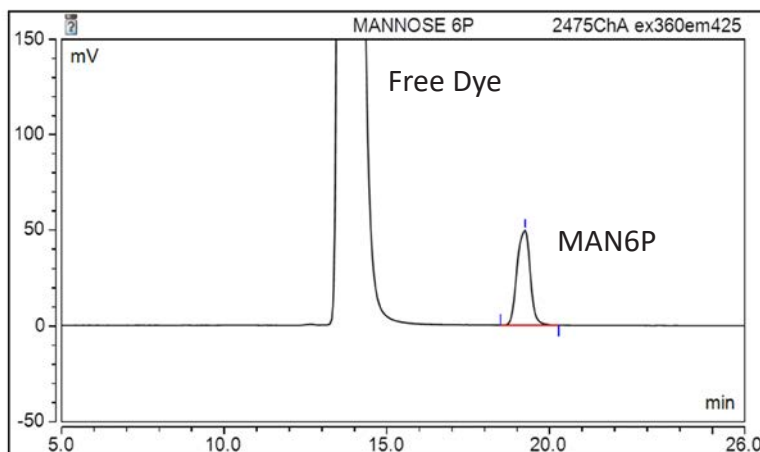
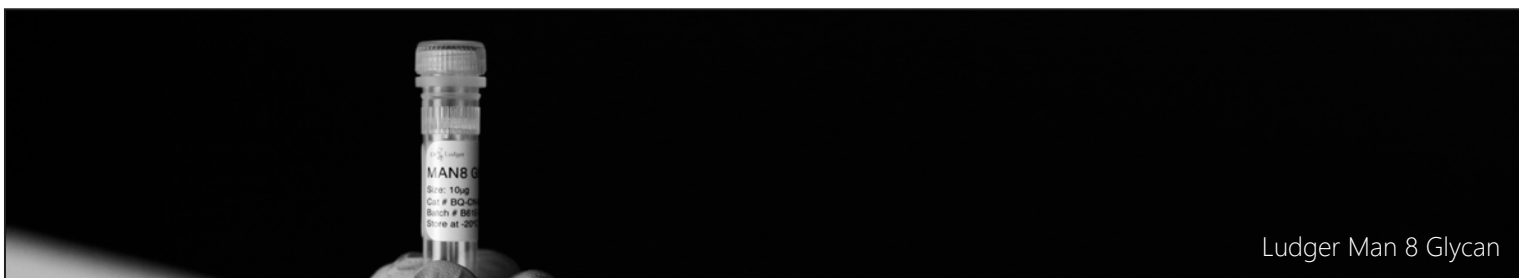


Figure 1: LudgerSep-R2 HPLC profile of 2-aminobenzoic acid (2-AA) labeled mannose 6 phosphate. (Cat. #: CM-MAN6P-10). The peak between 12 to 14 min is free dye.



Ludger Man 8 Glycan