

Ordering Process

Request

Contact us with your analysis requirements by e-mail or through the inquiry form on our website.



www.glytech-inc.com
glytech-info@glytech-inc.com

Response

We reply to your inquiry within 5 working days, including any requests for further details.

Confidentiality Agreement

A confidentiality agreement will be signed if required.

Quotation

A quotation will be issued within one week.

Fulfillment

- 1 Sales of glycan analytical standards:**
Ships within a minimum of one week (dependent on stock).
- 2 Contract analysis services:**
Analysis data provided within a minimum of one week.
- 3 Custom synthesis:**
Glycans not listed in our catalog and glycan-modified compounds (glycopeptides, glycoproteins, etc.) can be synthesized to order. Except for special compounds, custom orders will be shipped within 1 to 3 months.

GlyTech, Inc.

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GlyTech, Inc.
Glycoscience for Better Health

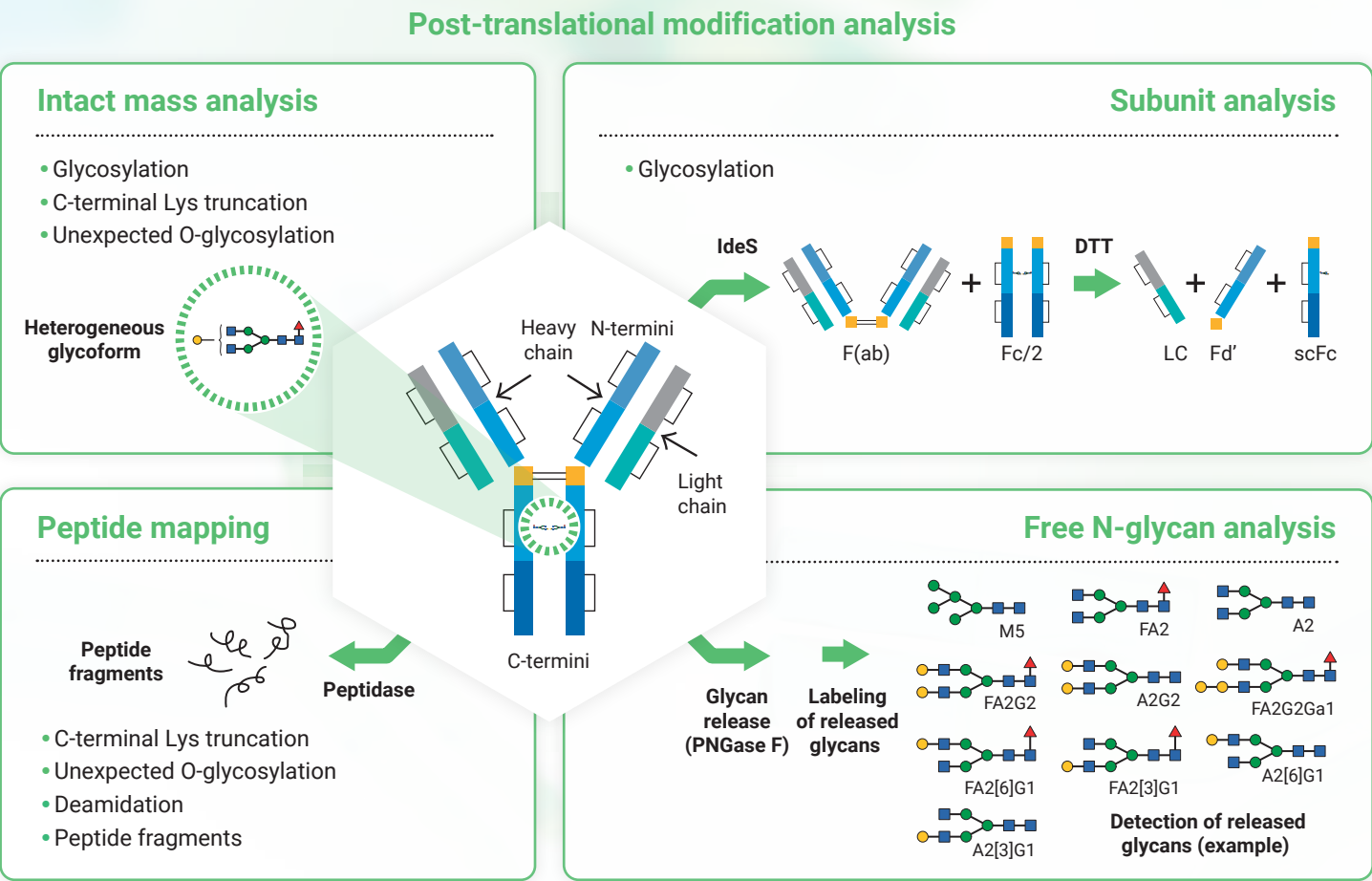
Analysis Solutions

For Therapeutic Antibodies

*High-precision analytical services and
glycan standards for next-generation
antibody drug development*

Multi-stage antibody analysis and glycoprofiling

Our multi-stage analysis (intact mass analysis, subunit analysis, peptide mapping, free N-type glycan analysis) services can help you acquire a deeper understanding of your antibody, from general structure to fine structural detail. Our highly pure and homogenous glycan standards enable us to precisely identify the glycans that are present on an antibody.



Sales of glycan standards for in-house structural analysis

GlyTech, Inc.'s glycan standards are available in a 22-vial set of individual glycan structures most frequently observed in therapeutic antibody analysis. As well as PA and 2-AB labels, we offer standards with labels for LC/MS and capillary electrophoresis (CE) analysis. Glycan structures not listed below are also available; please contact us for more information.

Set of 22 standards
(20 pmol/vial)
200,000 JPY
(as of November 2023)
Can also be purchased individually

Product list

A2G2S2	A2G2	A2	FA2[6]G1S1	A2G2Ga2
FA2G2S2	FA2G2	FA2	FA2[3]G1S1	FA2G2Ga2
A2[6]G2S1	A2[3]G2S1	A2[6]G1	A2[3]G1	FA2[6]G2Ga(3)1
FA2[6]G2S1	FA2[3]G2S1	FA2[6]G1	FA2[3]G1	FA2[3]G2Ga(3)1

Key

- NeuAc
- Galactose
- GlcNAc
- Mannose
- Fucose
- α -glycosidic bond
- β -glycosidic bond
- R = Label

Example : α -2,6-Sialyl-Galactose

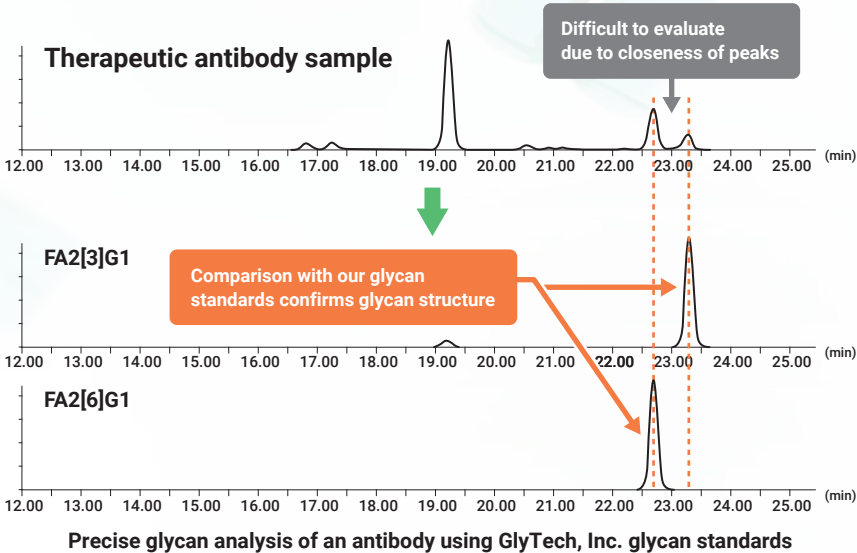
(Oxford notation)

M5

M9

High precision structural identification made possible with GlyTech's glycan standards

Our glycotecnology platform allows us to produce a wide variety of homogenous glycans that are traditionally difficult to purify from natural sources. The resulting glycan standards are used to obtain optimal LC conditions under which samples containing glycans with fine differences in structure, including branching and binding position, can be reliably separated, allowing for a more accurate structural analysis.



Structure-guaranteed glycan standards: NMR analysis

Precision analysis of antibody glycan structure is enabled using our glycan standards, which have homogeneous structures guaranteed by NMR. We use several different multidimensional NMR techniques to identify not only the constituent monosaccharides of glycans but also the positions and configurations of their glycosidic bonds.

