

Agilent Gly-X 2-AB Express kits for N-Glycan Sample Preparation

Eliminate hassle and save time



Now, you can access the complete glycan workflow – products, technologies, and expertise – for efficient sample preparation and analysis.

ProZyme is now part of Agilent, and brings innovative glycan analysis kits, reagents and standards to complement Agilent’s biopharma portfolio of glycan mapping columns, UHPLC systems and reagents.

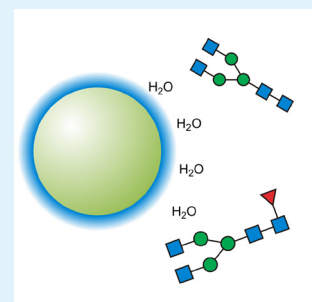
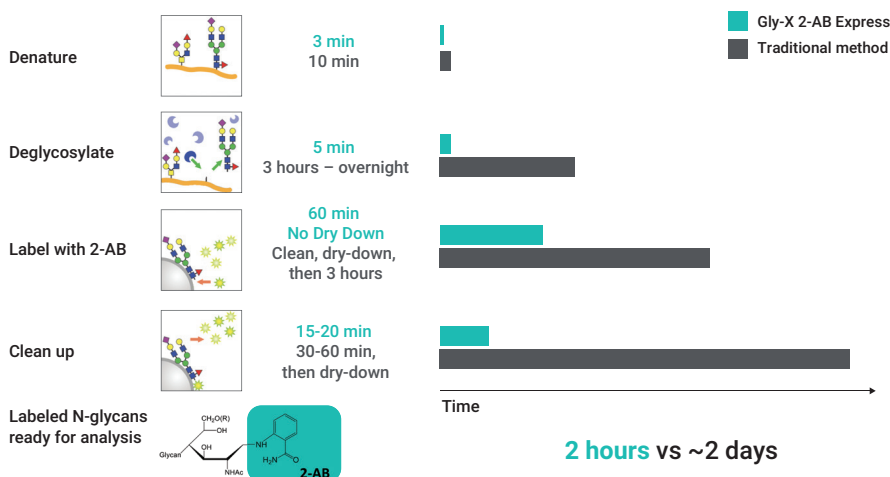
N-Glycans represent a critical feature of many biotherapeutic molecules that must be thoroughly characterized and then carefully monitored throughout the production process. 2-AB (2-aminobenzamide) dye has been used to generate N-glycan data for more than 20 years and is well established in many laboratories, however it has traditionally been a time consuming process.

No more waiting days for your glycan answers.

Eliminate hassle and save time by upgrading your 2-AB sample preparation with the Gly-X 2-AB Express kit:

- Samples ready for UHPLC in 2 hours using Gly-X rapid deglycosylation technology, and traditional reductive amination labeling without a dry-down step.
- Efficient vacuum plate cleanup to remove excess label and denaturant.
- Get same-day results so you can make important decisions quickly.

No need to wait for dry-down with Gly-X 2-AB Express, giving you results in just 2 hours.



Additional products and tools to advance your glycosciences

For further information on ProZyme N-glycan standards visit:

prozyme.com/glycanstandards

For further information on other ProZyme N-glycan sample preparation kits visit:

prozyme.com/gly-x



Kit Features:

Specifications	Agilent Gly-X 2-AB Express
Protein Load Range	1-40 µg (or more, depending on protein glycosylation)
Deglycosylation efficiency	>99% for most proteins
Glycan recovery	>80%
Free dye removal	>99%
Preservation of sialylated species	>99%
Precision (well-to-well, day-to-day)	>5% CV of % peak area of major glycans
Total workflow time	130 min (24 samples)
Sample stability	At least 6 months at -20 °C, up to 5 days at 4 °C

Ordering Information:

Description	Part Number
Agilent Gly-X 2-AB Express N-Glycan Sample Preparation Kit 96 samples Starter kit of labware Gly-X Deglycosylation Module Gly-X 2-AB Express Labeling Module Gly-X 2-AB Express Clean-Up Module	GX96-2AB
Dextran Ladder standard 10 µg	5190-6997
2-AB labeled dextran ladder standard 200 pmol	5190-6998
IgG N-linked glycan library 20 µg	5190-6995
2-AB labeled IgG N-linked glycan library 200 pmol	5190-6996



Find more products for glycan analysis and other critical quality attributes at www.agilent.com/chem/advancebio

This information is subject to change without notice.

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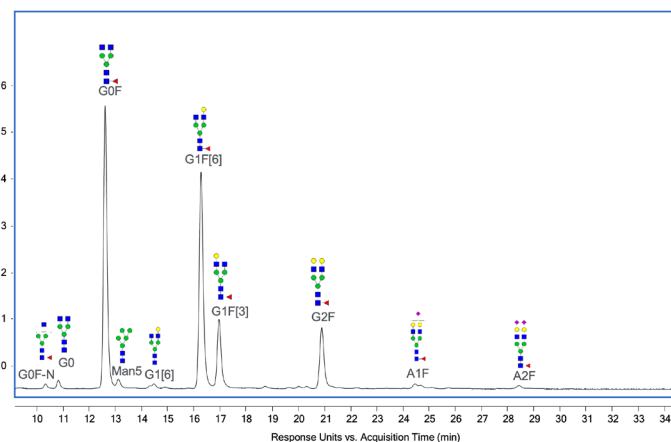
AdvanceBio Glycan Mapping Columns

1.8 µm, stable to 1200 bar

Description	Part Number
2.1 x 100 mm	858700-913
2.1 x 150 mm	859700-913
Fast Guards, 2.1 mm, 1.8 µm	821725-905

2.7 µm superficially porous, stable to 600 bar

Description	Part Number
2.1 x 100 mm	685775-913
2.1 x 150 mm	683775-913
2.1 x 250 mm	651750-913
Fast Guards, 2.1 mm, 2.7 µm	821725-906
4.6 x 100 mm	685975-913
4.6 x 150 mm	683975-913
4.6 x 250 mm	680975-913



2-AB labeled N-glycans from MabThera prepared using Gly-X 2-AB Express. Separation is on an Agilent 1290 Infinity II LC system with an Agilent AdvanceBio Glycan Mapping 2.1 x 150 mm, 1.8 µm column.