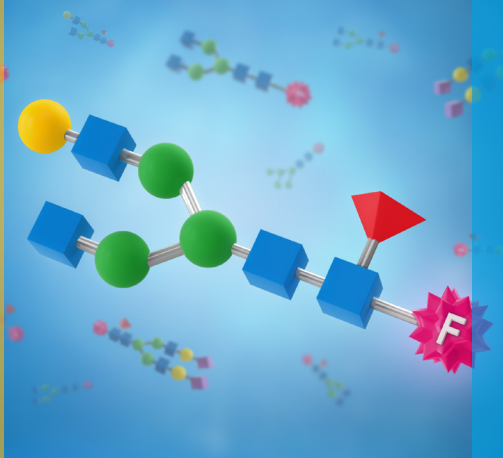


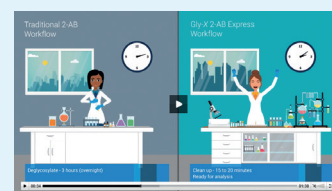
Complete N-Glycan Workflow Solutions

Agilent offers tools and support for every step of your sample preparation and analysis workflow



Agilent supports each stage of your analysis

- **N-glycan sample prep kits:** Glycan sample preparation takes less than an hour with the flagship Agilent AdvanceBio Gly-X platform using the InstantPC label. The Gly-X platform is also available with the 2-AB label. *For more information see [application note 5994-1348EN](#).*
- **Analytical columns:** AdvanceBio Amide HILIC column provides maximum separation performance for glycan analysis applications, including improved peak capacity and temperature stability. *For more information, see [application note 5994-6916EN](#).*
- **Mobile phase:** AdvanceBio Ammonium Formate Mobile Phase is pre-made, reducing the chances for variability compared to manual preparation. *For more information see [application note 5994-6916EN](#).*
- **Glycobiology enzymes:** Offering highly purified exoglycosidases and endoglycosidases, for use in released N-glycan assays, protein modification assays, and sequencing studies. *For more information see the [glycobiology enzymes selection guide 5994-5072EN](#).*
- **N-glycan standards:** An extensive range of standards are available for analysis of biotherapeutic glycoproteins, available both pre-labeled and unlabeled. Use N-glycan standards for liquid chromatography (LC) and capillary electrophoresis separations with fluorescence or mass spectrometry (MS) detection. *For more information see [N-glycan standards flyer 5994-2202EN](#).*
- **Glycan Peak Assignment Tool:** A free tool that predicts N-glycan retention times for over 100 structures based on simple calibration data. *For more information see [application note 5994-7477EN](#).*
- **Sialic acid analysis:** Two workflows for either total sialic acid quantitation using a plate reader (see [workflow ordering guide 5994-4383EN](#)), or sialic acid quantitation and profiling with LC/FLD/MS (see [workflow ordering guide 5994-4201EN](#) and [application note 5994-2352EN](#)).



Access other tools to help with your glycan analysis

Visit our glycoscience page to find a wealth of resources including a catalog of glycan standards and libraries, workflow ordering guides with recommended columns and supplies with tips for optimal results, webinars, videos, application notes, and more.

Explore now:
www.agilent.com/chem/glycoscience

Agilent offers a complete selection of reagents and systems to support your entire glycan workflow

Sample preparation

AdvanceBio Gly-X kits

N-glycan standards

Glycobiology enzymes

Kits enable increased analytical sensitivity with a variety of dye options, while increasing sample throughput. Also available are an extensive range glycan standards and libraries.



Separate

1290 Infinity II LC System

1260 Infinity II LC System

AdvanceBio Amide HILIC columns

AdvanceBio Ammonium Formate Mobile Phase

The UHPLC systems feature low dispersion for superior resolution, minimal carryover for reliable LC data, and unique detection capabilities with high sensitivity.

Our columns provide maximum separation performance, including improved peak capacity and temperature stability.



Detect

6545XT AdvanceBio LC/Q-TOF

1260 Infinity II Fluorescence Detector

The 6545XT is designed to handle multiple workflows in biopharmaceutical characterization.

Benefit from highest sensitivity for the analysis of trace-level components featuring high-speed detection with up to 74 Hz data rates for narrow LC peaks with the 1260 Infinity II Fluorescence Detector.



Analyze and report

MassHunter BioConfirm Software

Glycan Peak Assignment Tool

Enables routine characterization of biomolecules through easy-to-use workflows for routine glycan profiling.



Find all of the columns and supplies you need for your N-glycan analysis in an easy-to-order format. Visit our [workflow ordering guides page](#).

Learn more:

www.agilent.com/chem/glycananalysis

Buy online:

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