

High-resolution N-released glycan identification for the BioPhase 8800 system

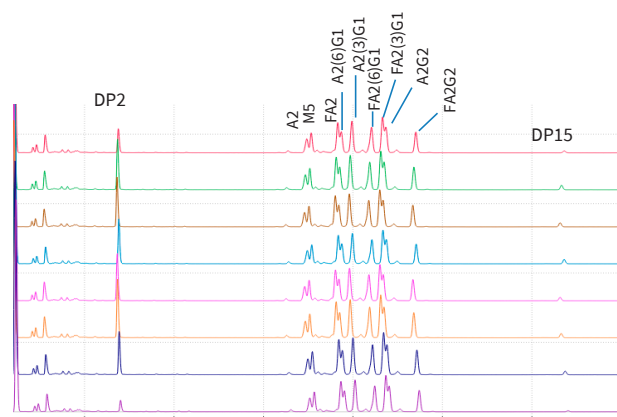
BioPhase Fast Glycan Analysis and Labeling kit

Incorrect glycan species associated with a biologic, such as a monoclonal antibody (mAb), can lead to an increase or decrease in antibody-dependent cellular cytotoxicity (ADCC) or complement-dependent cytotoxicity (CDC). A lack of high-resolution glycan information can have a significant impact on the safety and efficacy of a biotherapeutic.

You can now achieve high-resolution data on a diverse array of N-glycan species with the BioPhase Fast Glycan Analysis and Labeling kit and the throughput of 8 parallel capillaries on the BioPhase 8800 system.

With this kit, you can:

- Enable simplified N-linked glycan release, labeling and cleanup in as little as an hour
- Screen release N-linked glycans in under 5 minutes with higher throughput enabled by the parallel separations ability of the 8-capillary BioPhase 8800 system
- Manage and update your glycan glucose unit (GU) library for automated glycan identification



Eight representative electropherograms (from the bottom to the top, capillaries A-H) for a 9-glycan panel separation collected in parallel on the BioPhase 8800 system.



BioPhase Fast Glycan Labeling and Analysis kit for the BioPhase 8800 system (P/N C30098) includes:

- BST (bracketing standard)
- CE grade water
- D1 sample process solvent
- D2 sample process solvent
- D3 sample process solvent
- D4 sample process solvent
- GU ladder standard
- HR-NCHO glycan separation buffer
- IST (internal standard)
- L5 sample labeling solvent
- L6 sample reagent dye
- LIF performance test mixture
- M1 glycan capture beads

Additional required SCIEX supplies:

- BioPhase BFS capillary cartridge (8 x 30 cm) (P/N 5080121)
- BioPhase outlet plates (P/N 5080315)
- BioPhase reagent plates (P/N 5080314)
- BioPhase sample plates (P/N 5080313)

Additional required lab reagents:

- 1 M sodium cyanoborohydride in THF
- Acetonitrile (HPLC grade)
- Peptide-N-glycosidase F (PNGase F) enzyme
- Pierceable adhesive plate film (non-heat sealing)

Order now by contacting your local SCIEX sales representative or visiting [sciex.com](https://www.sciex.com)