

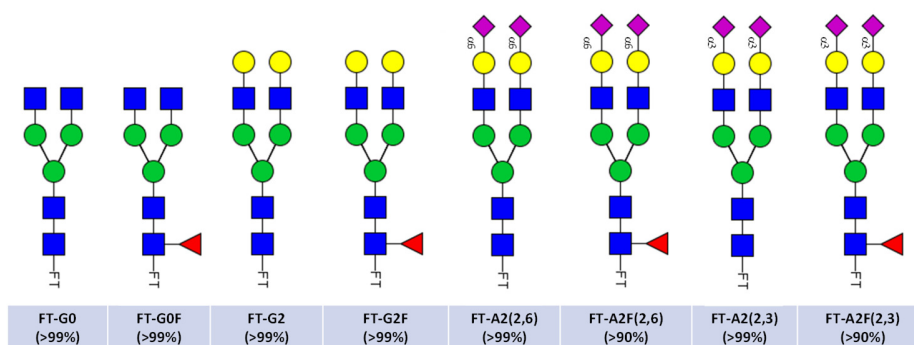


User manual

Glycan Standards - compatible with GlycoWorks™ RapiFluor-MS™

Glycan standards - compatible with GlycoWork™ RapiFluor-MS™ Glycan standards - compatible with **GlycoWork™ RapiFluor-MS™** are synthetic fluorescently labeled N-glycans, produced by Asparia Glycomics as standards for N-glycan analysis workflows. They are available as individual standards in high purity (90-99%).

Format: 100 pmol standard vials, freeze-dried



Advantages of Glycan Standards - compatible with GlycoWorks™ RapiFluor-MS™

- Enhanced ionization efficacy
- Fluorescent group for detection at Ex 265 and Em 425 nm
- Suitable for UHPLC, HPLC, ESI-MS, LC-ESI-MS and LC-FLD systems
- Improve identification of very low abundance glycans
- Identification of N-glycan structures in complex mixtures
- Optimize chromatographic separation of glycan mixtures standards provided as individual glycans, no glycan mixtures
- Characterized by UHPLC-FLD and MS, high purity (90-99%)
- Compatible with **GlycoWorks™ RapiFluor-MS™** technology
- Material provided for up to 10 injections



Applications

- N-glycan identification by either mass spectrometry or fluorescent detection
- Identification of $\alpha(2,3)$ or $\alpha(2,6)$ sialic acid linkages in bis-sialylated biantennary N-glycans
- Identification of relative glycosylation in biopharmaceutical development and quality control
- Development of fast, robust LC-FLD methods
- De-convolution of co-eluting peaks in LC-FLD/MS
- Quality control for instrument, method, and column performance

Instructions for Glycan Standards - compatible with GlycoWorks™ RapiFluor-MS™

- Upon arrival store **Glycan Standards - compatible with GlycoWorks™ RapiFluor-MS™** vials at -20 °C. For long-term storage, store at -80 °C
- Sold as lyophilizate, recommended solubilization reconstitution is in a mixture of 30 μ L of deionized water and 70 μ L of acetonitrile added directly to the vial for a total volume of 100 μ L
- Recommended injection volume is 8-10 μ L for up to 10 injections per vial

Stored at -80 °C **Glycan Standards - compatible with GlycoWorks™ RapiFluor-MS™** standards are stable for >3 years