



Certificate of Analysis

Fetuin Glycoprotein Standard

Cat. #: GCP-FET-05

Lot #: A78F-02

Size : 0.5 mg

2-Aminobenzamide (2-AB) labelled Fetuin Glycans released from Fetuin Glycoprotein (GCP-FET-05) using the Ludger Hydrazinolysis Protocol (Ludger Liberate™ Hydrazinolysis Glycan Release Kit) and the Ludger Labelling Protocol (LudgerTag™ 2-AB Glycan Labeling Kit).

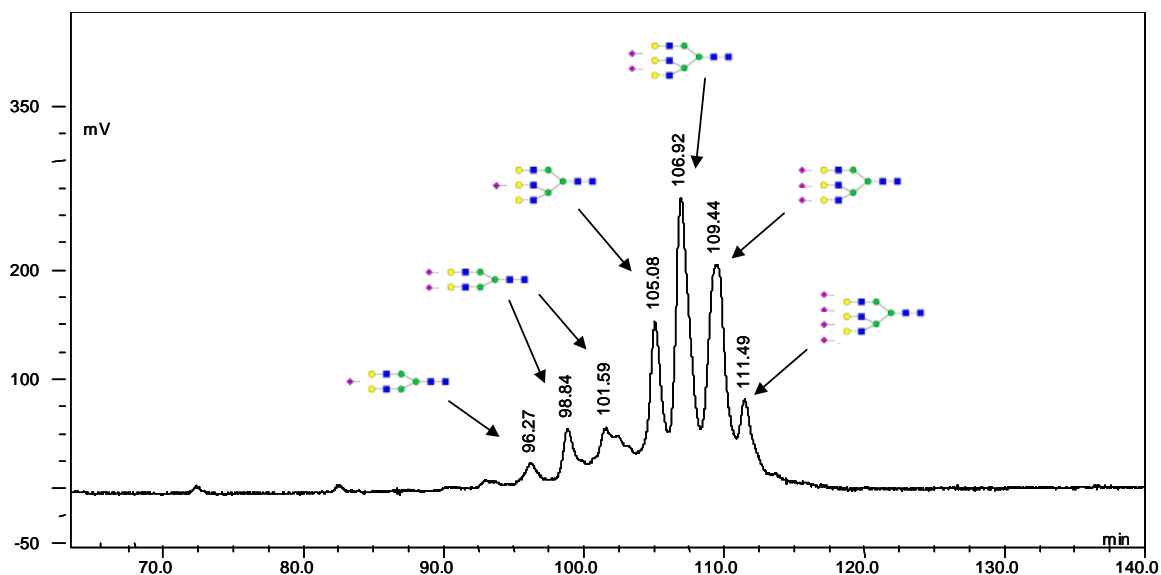


Figure 1: LudgerSepN1 HPLC profile of 2AB labelled fetuin glycans from fetuin glycoprotein (Cat. #: GCP-FET-05, Lot No. A78F-02). HPLC run under the following conditions.

HPLC Running Conditions

Column: LudgerSep N1 Amide (Cat. #: LS-N1-4.6x250)

Flow: 0.4 – 1.0 ml/min Temperature: 40 °C

Solvent A: 100 % acetonitrile

Solvent B: 50 mM ammonium formate pH 4.4

Gradient: 0-152 min – 20-58 % B

152-155 min - 58-100 % B

155-157 min - 100 % B

157-162 min - 100% B (flow 1 ml/min)

162-163 min – 100-20 % B

163-177 min – 20 % B

177-178 min – flow 1 ml/min–0.4 ml/min

178-180 min – 20 % B (flow 0.4 ml/min)

Detector: Jasco FP920 Excitation wavelength: 360 nm

Emission wavelength: 425 nm