Certificate of Analysis

LudgerPure™ 2AB Labeled FA2G1 Glycan

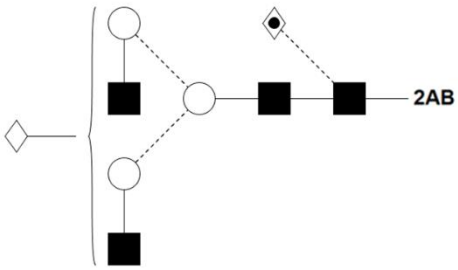
Cat. #: CAB-FA2G1-01 | Batch: B7AN-01

Size: approx. 100 pmol | Expiry Date: 03 August 2027

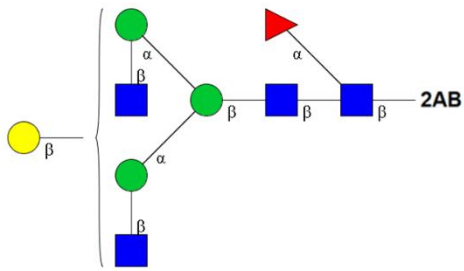
Alternative Names

G1F

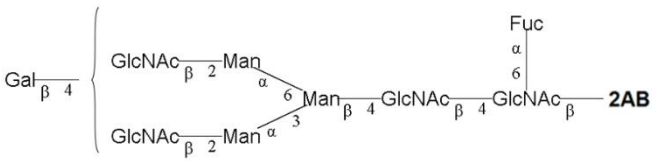
Glycan Structure



Oxford Notation



CFG Notation



Text Notation

Purity: 97.23% 2AB labeled FA2G1 glycan, as assessed by HPLC - see Fig 1.

Amount: Sample vial determined to contain 110.2 pmols FA2G1 glycan – Test performed 03 August 2022.

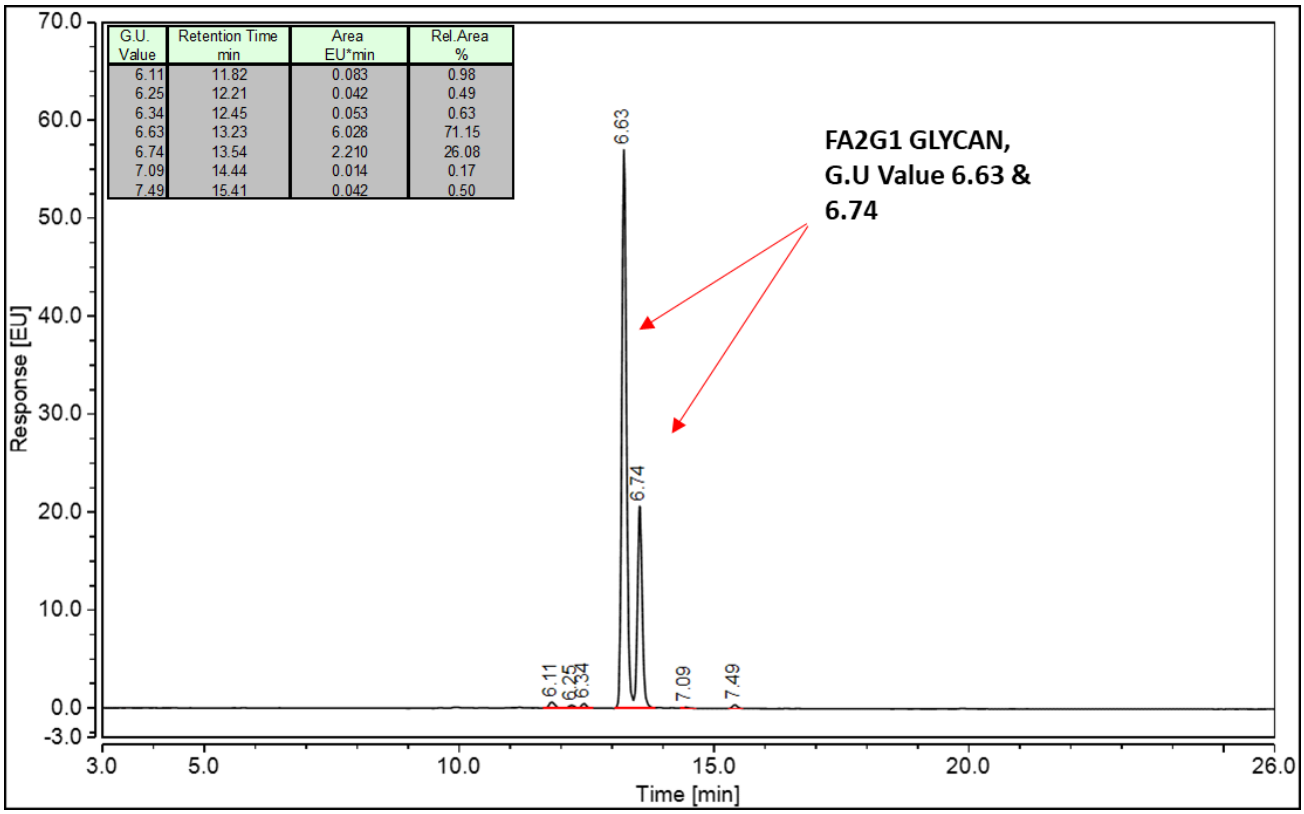


Figure 1: *HILIC HPLC profile of 2AB labelled FA2G1 glycan (see method conditions below) (Cat. #: CAB-FA2G1-01, Batch B7AN-01).*

**FA2G1 glycan structure identified by MALDI, MS & HPLC (GU value comparison to Glycostore database).*

2AB FA2G1 peak seen above, eluted at 13.23 & 13.54 minutes, under the following conditions:

Column: Waters BEH Glycan 1.7µm column (150mm)

Flow: 0.56mL/min.

Temperature: 60 °C

Solvent A: 50mM ammonium formate pH 4.4 **Solvent B:** 100 % acetonitrile

Gradient:

Time (min)	%B	Flow (mL/min)
0.0	78.0	0.56
1.5	78.0	0.56
24.8	58.0	0.56
25.8	40.0	0.56
25.9	0.0	0.25
27.9	0.0	0.25
28.4	78.0	0.25
32.0	78.0	0.56
35.0	78.0	0.56

Detector: Fluorescence

Excitation wavelength: 250 nm

Emission wavelength: 428 nm

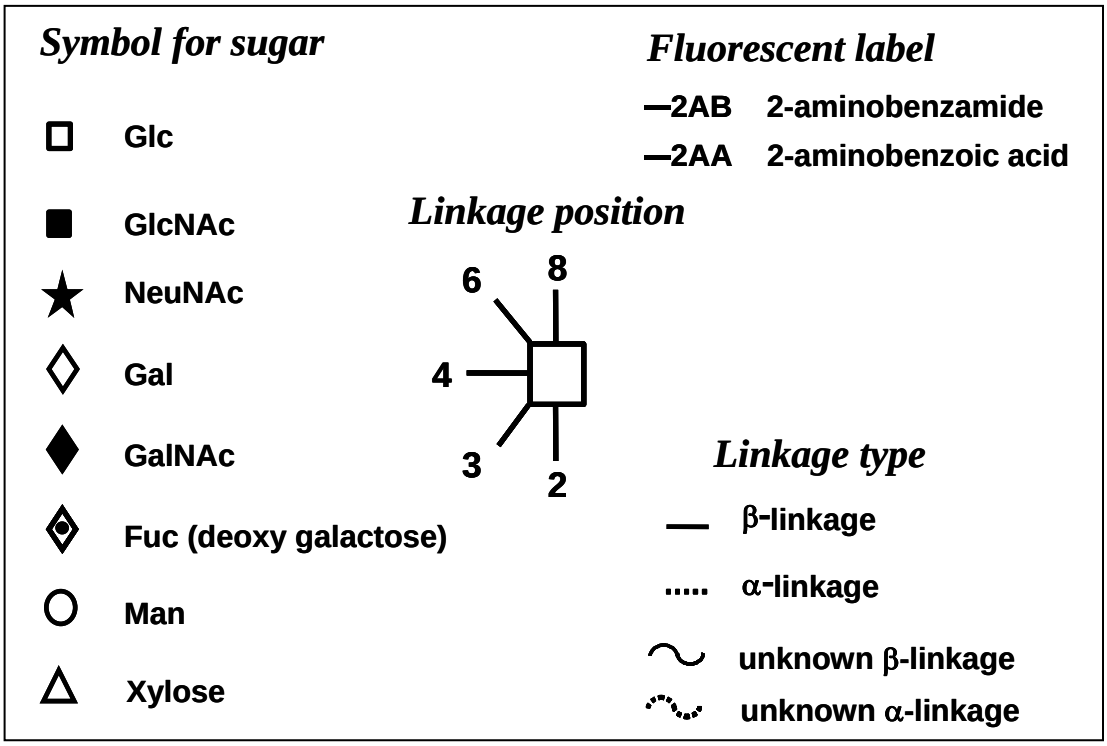


Figure 2: GlycoBase glycan structure key.