

Certificate of Analysis

LudgerPure™ 2AB Labeled NA3 Glycan

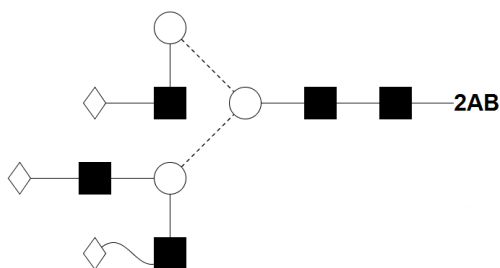
Cat. #: CAB-NA3-01
 Size: approx. 100 pmol

Batch: A56R-01
 Expiry Date: 18 Oct 2027

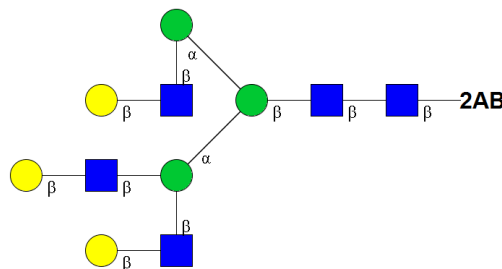
Alternative Names

A3G3

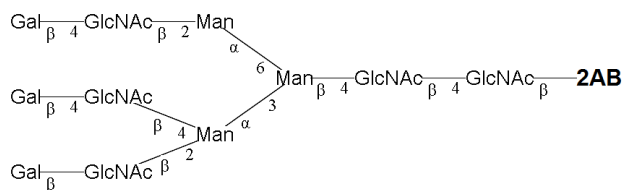
Glycan Structure



Oxford Notation



CFG Notation



Text Notation

Purity: 85.82% 2AB labeled NA3 glycan, as assessed by HPLC - see Fig 1.

Amount: Sample vial determined to contain 124.7 pmols NA3 glycan – Test performed 18 Oct 2022.

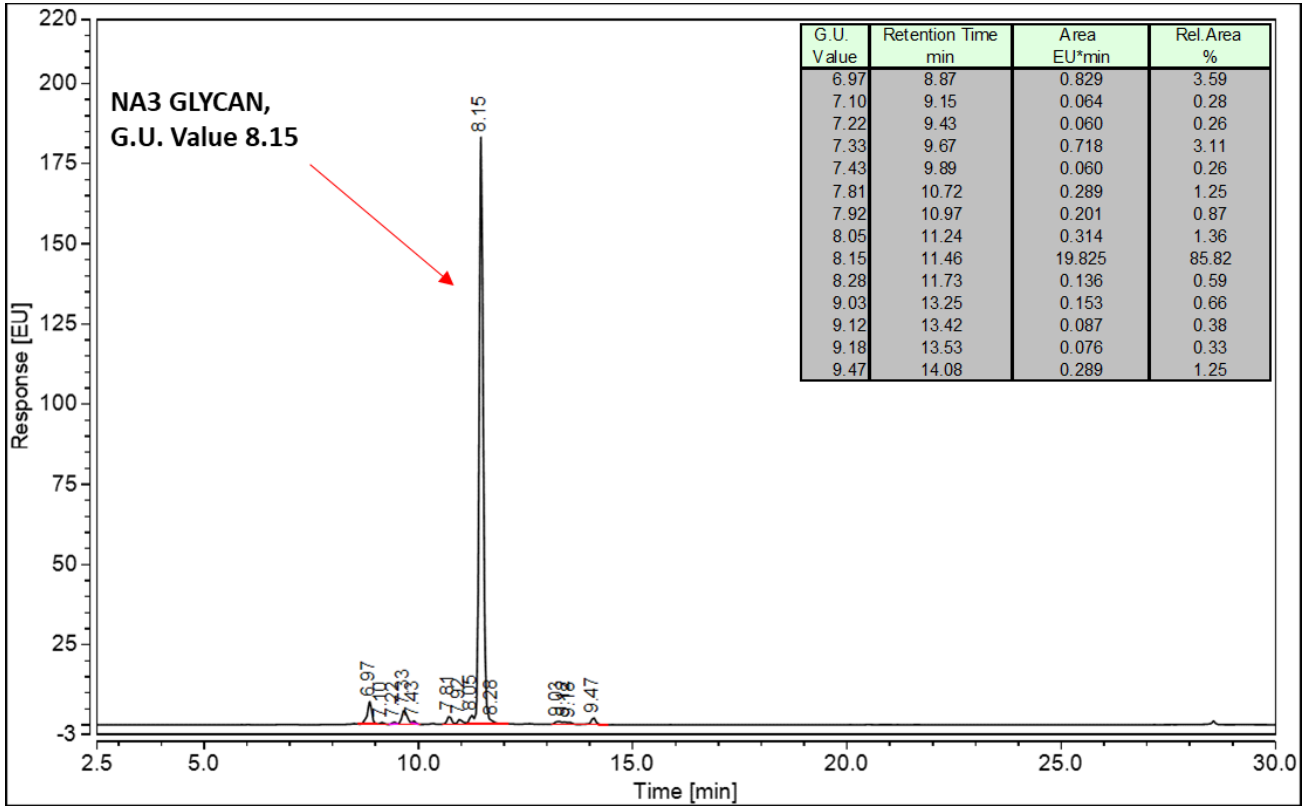


Figure 1: HILIC HPLC profile of 2AB labelled NA3 glycan (see method conditions below) (Cat. #: CAB-NA3-01, Batch A56R-01).

*NA3 glycan structure identified by MALDI, MS & HPLC (GU value comparison to Glycostore database).

2AB NA3 peak seen above, eluted at 11.46 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

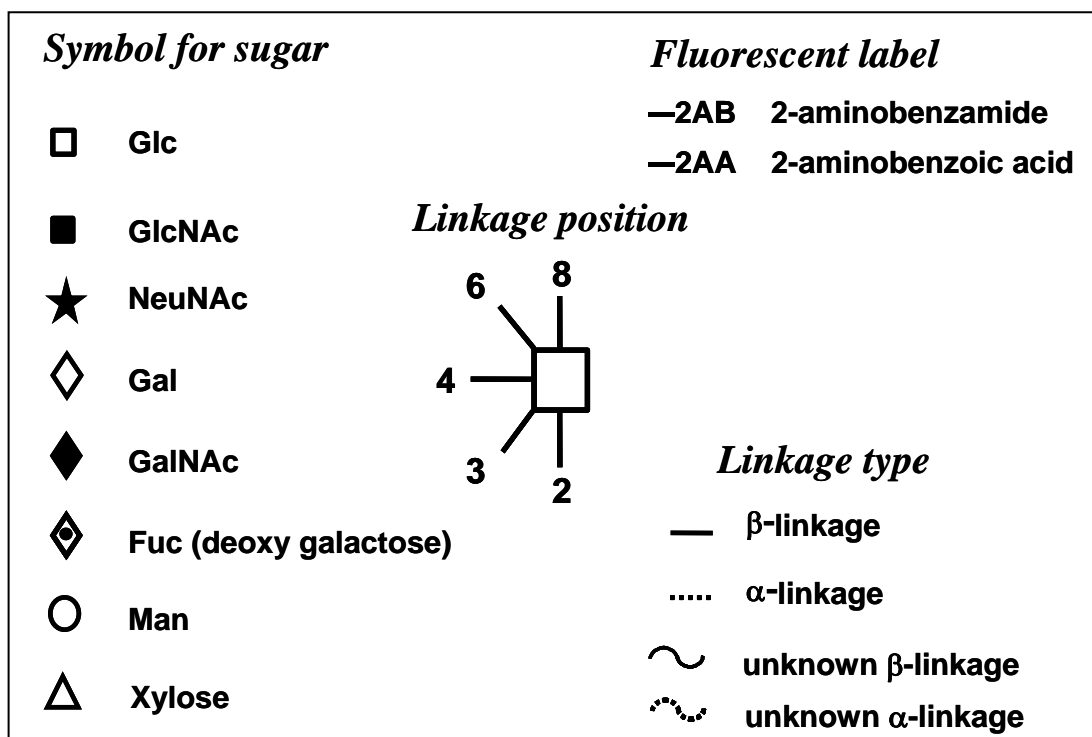


Figure 2: GlycoBase glycan structure key.