

## Certificate of Analysis

### LudgerPure™ 2AA Labeled FA2BG1 Glycan

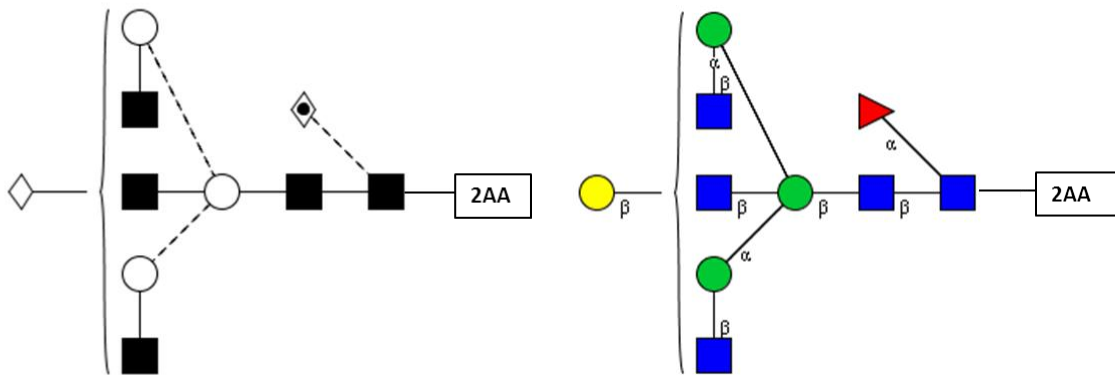
Cat. #: CAA-FA2BG1-01

Batch: B593-02

Size: approx. 100 pmol

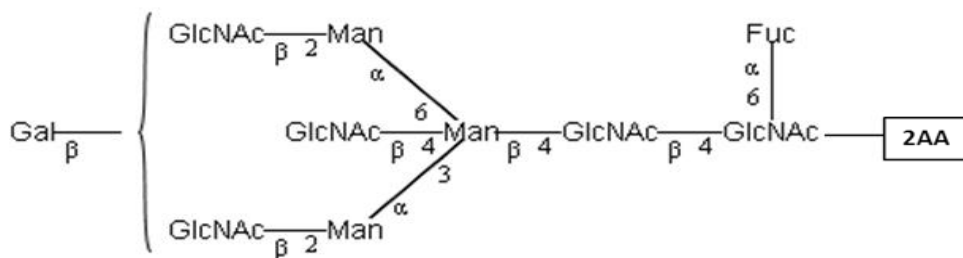
#### Alternative Names

#### Structure



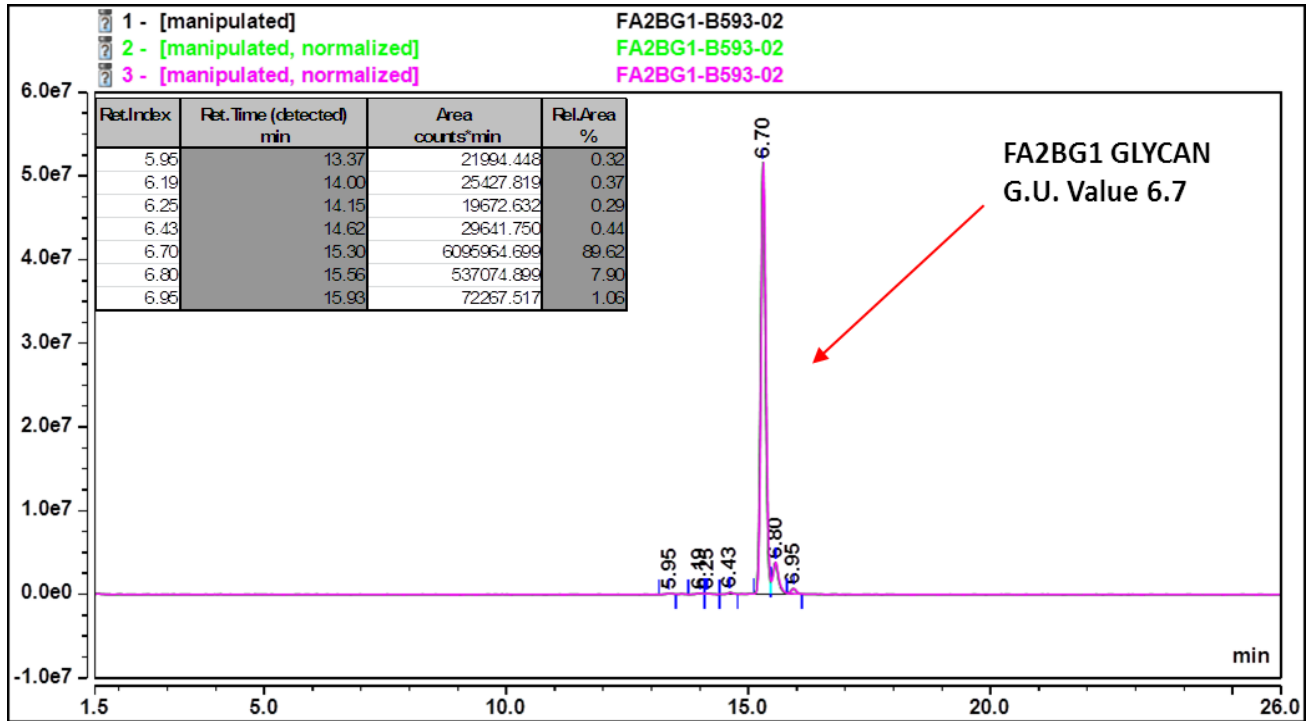
#### Oxford Notation

#### CFG Notation



#### Text Notation

**Purity:** 89.62% 2AA labeled FA2BG1 glycan, as assessed by HPLC - see Fig 1.



**Figure 1:** HILIC HPLC profile of 2AA labelled FA2BG1 glycan (see method conditions below) (Cat. #: CAA-FA2BG1-01, Batch B593-02).

*\*FA2BG1 glycan structure identified by MALDI, MS & HPLC (GU value comparison to GlycoBase). This structure is drawn according to the scheme developed by Oxford-Dublin Glycobiology Laboratory (see Fig 2).*

**2-AA FA2BG1 peak seen above, eluted at 15.30 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

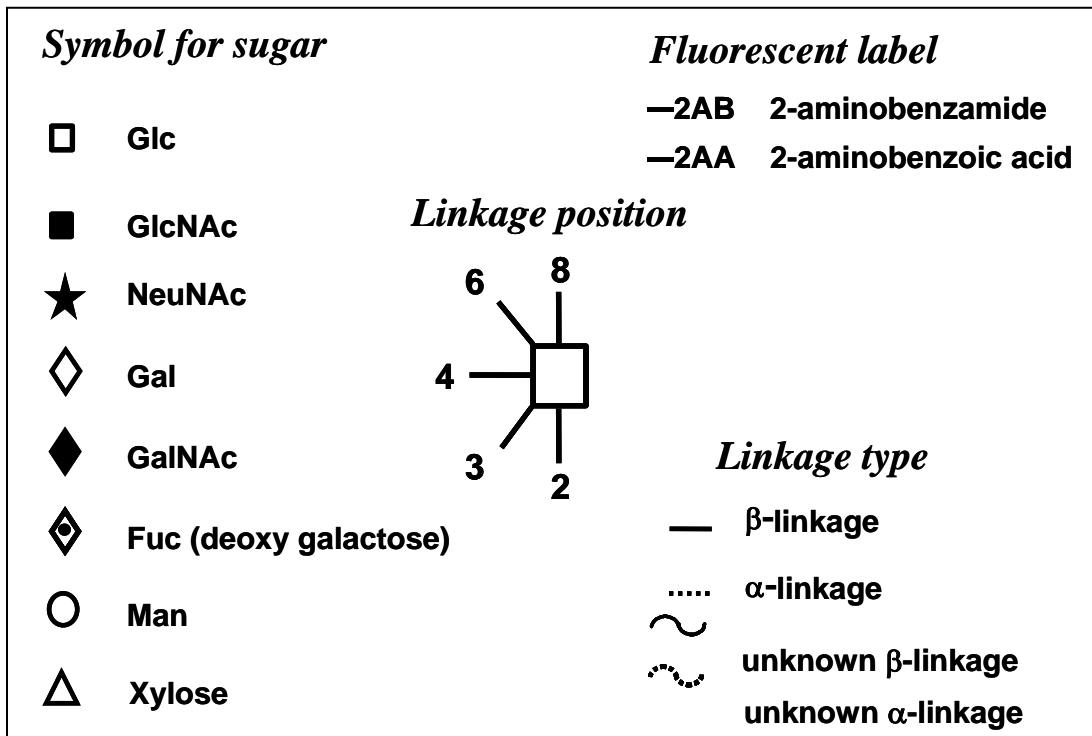
Gradient:

Time (min)	%B
0.0	78.0
1.5	78.0
24.8	58.0
25.8	40.0
25.9	78.0
31.0	78.0

Detector: Dionex FLD-3000

Excitation wavelength: 250 nm

Emission wavelength: 428 nm



**Figure 2:** GlycoBase glycan structure key.