

Certificate of Analysis

LudgerPure™ CAPTS Labeled NGA2F Glycan

Cat. #: CAPTS-NGA2F-01

Batch: B5AL-04

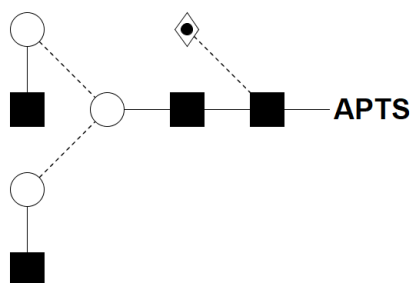
Size: approx. ~20 pmol

Expiry Date: 19 Nov 2026

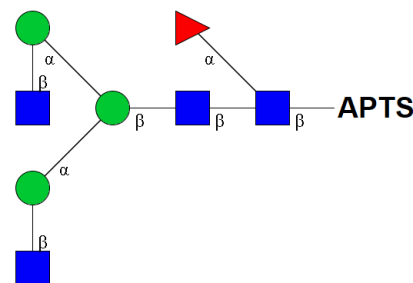
Alternative Names

FA2, G0F

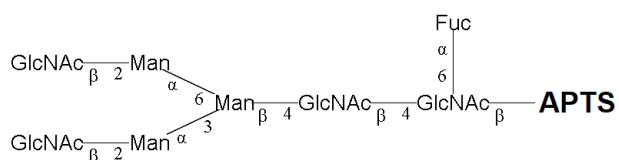
Glycan Structure



Oxford Notation



CFG Notation



Text Notation

Purity: 88.6% CAPTS labeled NGA2F glycan, as assessed by HPLC - see Fig 1.

Test performed 19 Nov 2021.

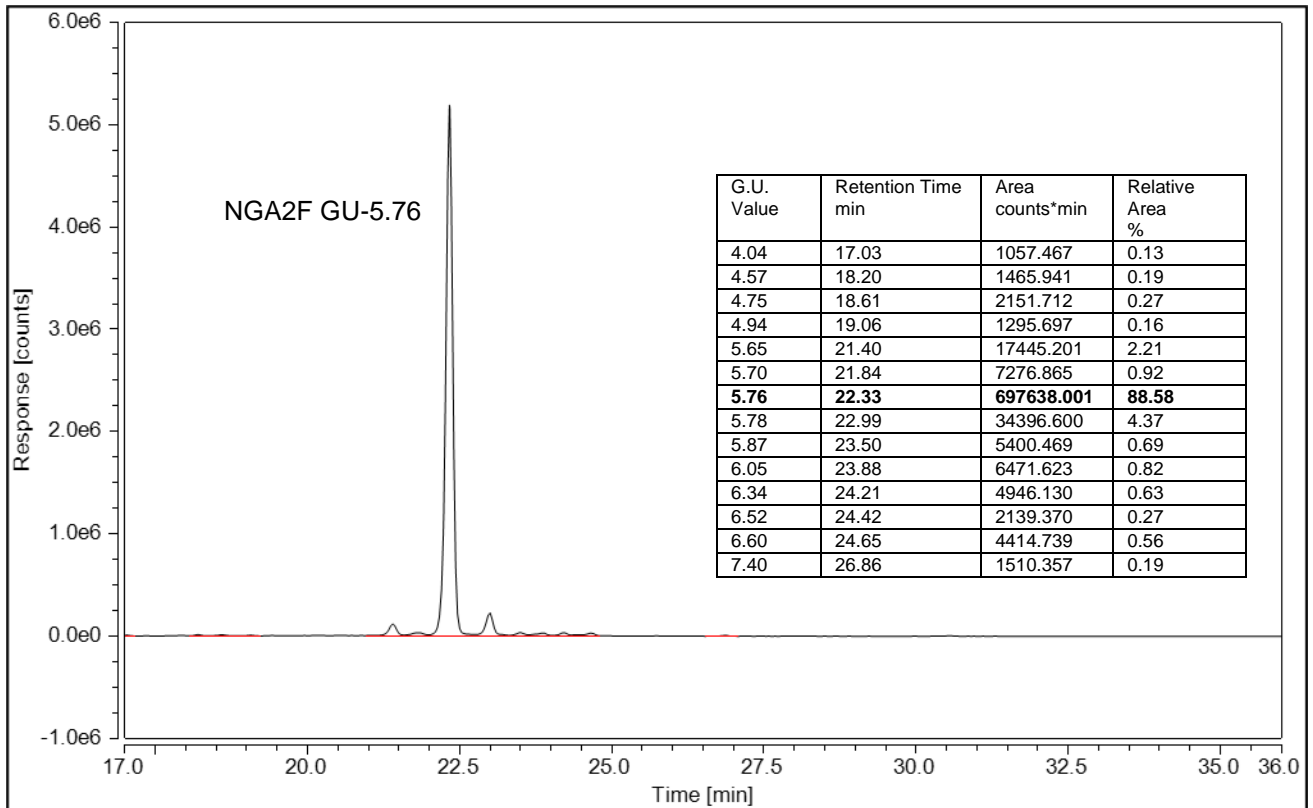


Figure 1: HILIC HPLC profile of CAPTS labelled NGA2F glycan (see method conditions below) (Cat. #: CAPTS-NGA2F-01, Batch B5AL-04).

*NGA2F glycan structure identified by MALDI, MS & HPLC (GU value comparison to GlycoStore). This structure is drawn according to the scheme developed by Oxford-Dublin Glycobiology Laboratory (see Fig 2).

CAPTS NGA2F peak seen above, eluted at 22.33 minutes, under the following conditions:

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

Flow: 0.5mL/min.

Temperature: 60 °C

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

Gradient:

Time (min)	%B
0.0	78.0
38.5	55.9
40.5	0.0
42.5	0.0
44.5	78.0
55.0	78.0

Detector: Fluorescence

Excitation wavelength: 448 nm

Emission wavelength: 510 nm

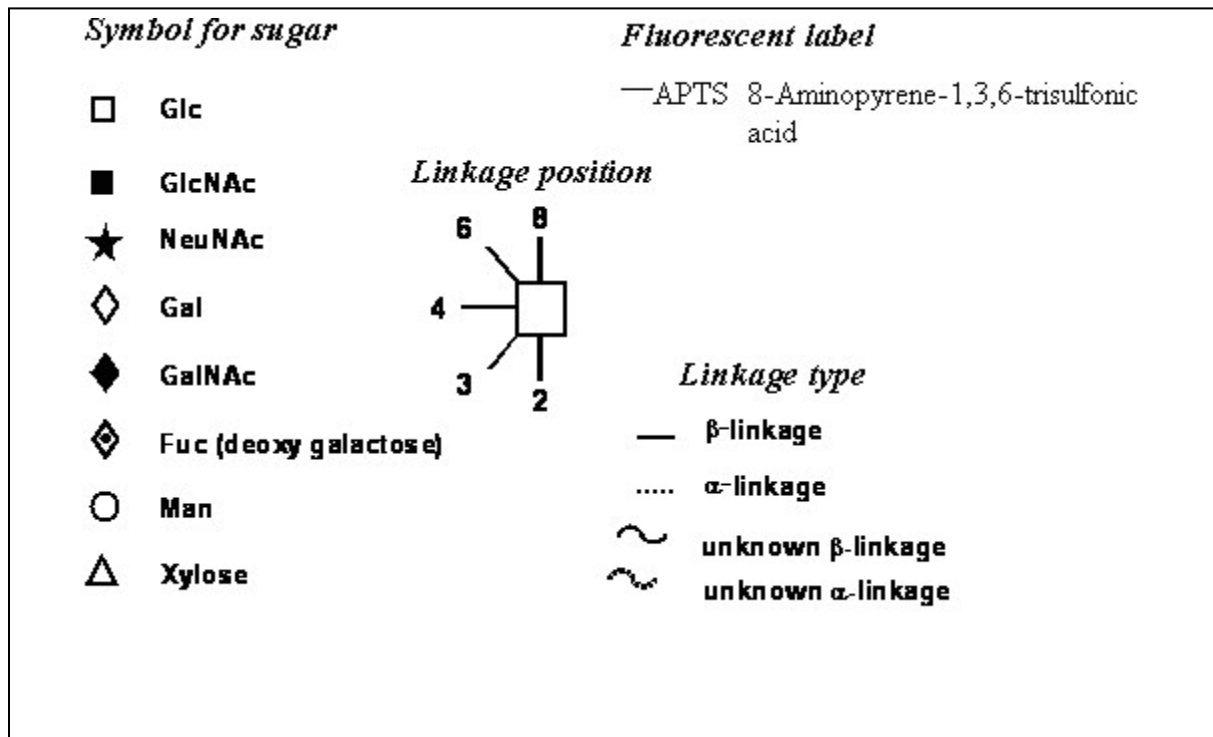


Figure 2: GlycoBase glycan structure key.