



Certificate of Analysis

LudgerTag™ 2-AB (2-aminobenzamide) Glycan Labeling Kit containing 2-picoline borane

Cat. #: LT-KAB-VP24

Batch: B9B8-01

Size: 2 sets of labeling reagents per kit

Expiry Date: 25 May 2021

This kit conforms to the specifications given in Ludger document # LT-KAB-VPx-Guide.

Each kit contains the following components:

Quantity Per Kit	Cat #	Batch #	Component Name
2	LT-ACETIC-DMSO-01	B85P-01	Acetic Acid with DMSO
2	LT-2AB-03	B9AV-03	2-AB Dye
2	LT-PB-01	B9B6-04	PB

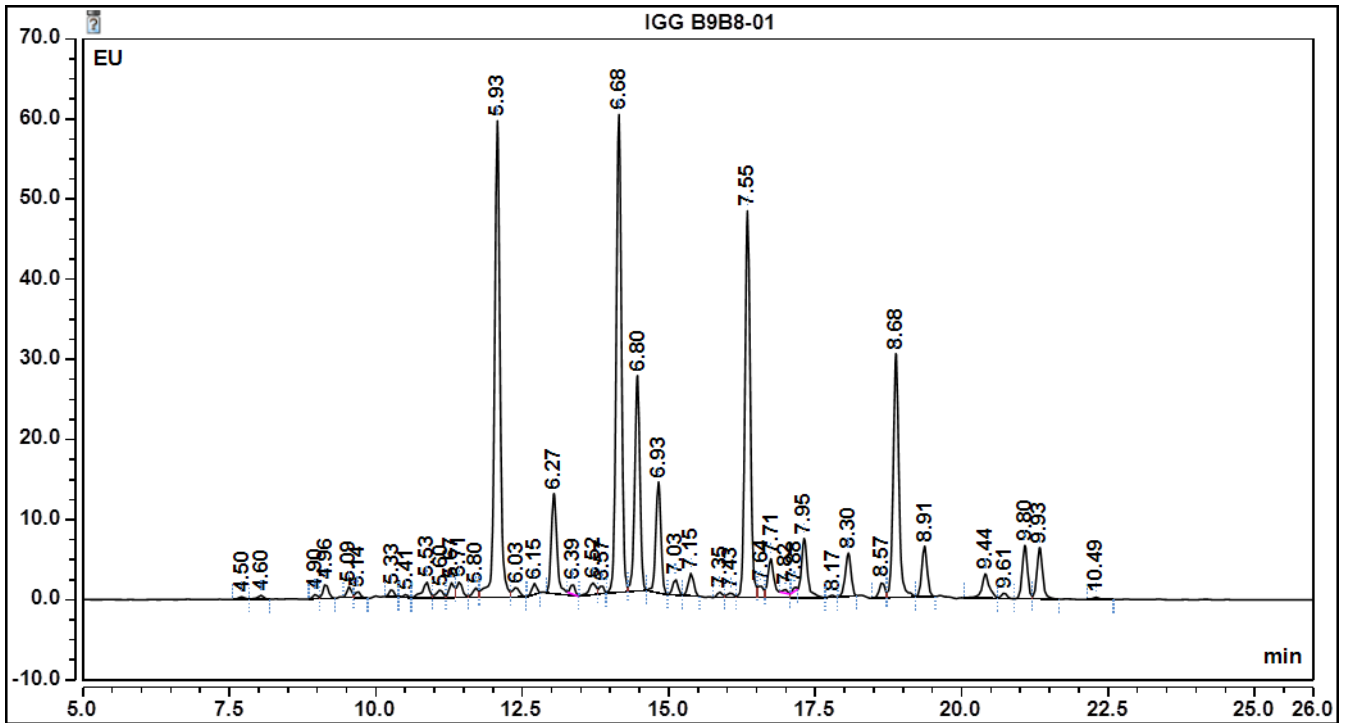


Figure 1: HILIC HPLC profile of three Human-IgG glycan samples (Cat. #: CLIBN-IGG-5U (Batch B78A-01) labeled using LT-KAB-VP24 (Batch B9B8-01)

HPLC Running Conditions:

Column: Waters BEH Glycan column (1.7µm-2.1x150)

Flow: 0.56 mL/min

Solvent A: 50 mM ammonium formate pH 4.4

Solvent B: 100 % acetonitrile

Temperature: 60 °C.

Gradient: 0 min – 78% B, 1.47 min – 78% B, 24.80 min – 58% B, 25.8 min – 40% B, 25.9 min – 78% B, 31.0 min – 78% B

Detector: Dionex FLD-3000

Excitation wavelength: 250 nm

Emission wavelength: 428 nm