



## Certificate of Analysis

---

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

Cat. #: LT-KAB-VP24

Batch: B96D-03

Size: 2 sets of labeling reagents per kit

Expiry Date: 11 Jun 2022

---

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	B96B-02	Acetic Acid with DMSO
2	LT-2AB-03	B96C-02	2-AB Dye
2	LT-PB-01	B96B-01	PB

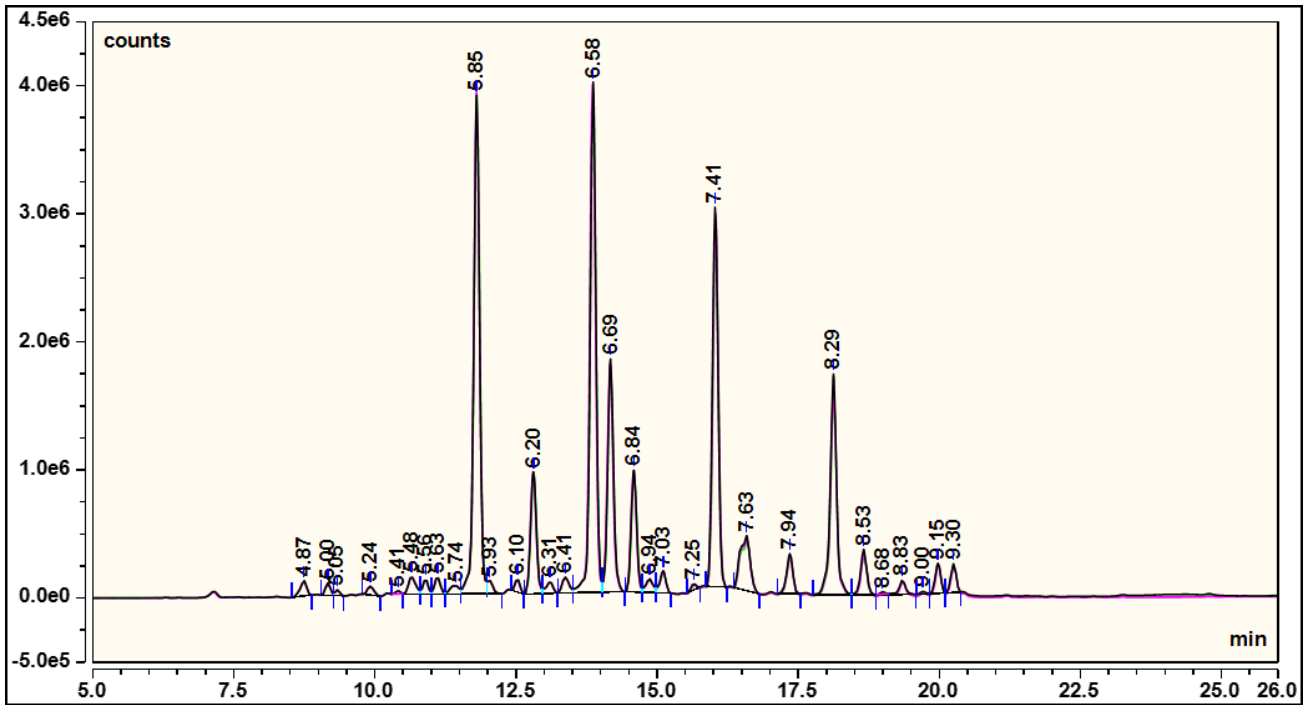


Figure 1: HILIC HPLC profile of three Human-IgG glycan samples (Cat. #: CLIBN-IGG-5U (Batch B78A-01) labeled using LT-KAB-VP24 (Batch B96D-03)

### HPLC Running Conditions:

**Column:** Waters BEH Glycan column (1.7 $\mu$ m-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