

Ludger LudgerTag Labelling Kits	LT- KAB-A2	LT- KAB-VP24	LT- KAB-VP96	LT- KAA-A2	LT- KAA-VP24	LT- KPROC-24	LT- KPROC-VP24	LT- KPROC-96	LT- KDMB-A1	LT- VTAG-24	LT- VTAG-C30	LT- MONO-96	LT- PERMET-96**	LT- PERMET-VP96***
Application:														
N-glycans	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓
O-glycans	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓
GSL glycans	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓
IgG glycopeptides										✓				
Sialic acids									✓					
Monosaccharides												✓		
Release*									included		included	included		
Label	2AB	2AB	2AB	2AA	2AA	Procainamide	Procainamide	Procainamide	DMB	V-Tag	V-Tag	2AA	Permethylation	Permethylation
Reductant:														
Sodium Cyanoborohydride	✓			✓		✓		✓				✓		
Picoline borane		✓	✓		✓		✓							
Analytical platform:														
HPLC analysis	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●		
UHPLC analysis	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●		
LC-ESI-MS analysis	● ●	● ●	● ●	● ●	● ●	● ● ●	● ● ●	● ● ●			●		● ●	● ●
MALDI-MS	● ●	● ●	● ●	● ●	● ●					● ●			● ● ●	● ● ●
Number of samples	24	24	96	24	24	24	24	96	22	24	30	96	96	96

Analytical platform sensitivity range: ● ● (medium) → ● ● ● (high)
MS signal detection can be affected with sample purity and presence of salt contaminants.

* for release of N-glycans use PNGase F (Cat# E-PNG-xx or LZ-rPNGaseF-kit), for O glycans use LudgerLiberate Orela kit (Cat# LL-ORELA-A2) or hydrazinolysis kit (LL-HYDRAZ-A2), for GSLs use ceramide glycanase (Cat# LZ-CER-HM-KIT), for IgG glycopeptides use protease enzyme e.g. trypsin.

** with Methyl Iodide

*** without Methyl Iodide. This kit can be shipped outside of the UK.