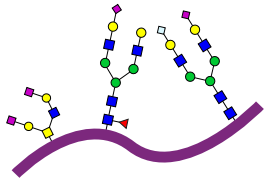
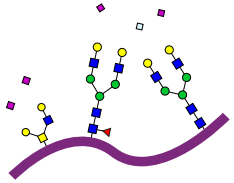
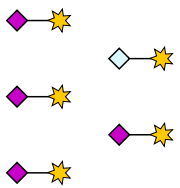
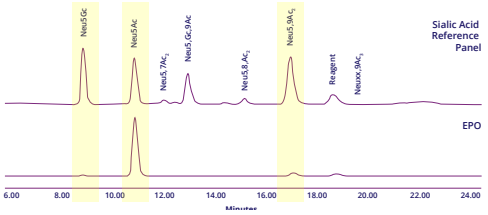
LudgerTag Sialic Acid Profiling Workflow

Preparation**	Release	Labelling	RP-HPLC Analysis		Results
					**Regulatory compliance** during the quality control of biopharmaceuticals: 1) Drug **safety** and **efficacy** 2) Batch-to-batch **consistency**
Sample aliquots in a vacuum-centrifuge for 1-2hrs	**LT-KDMB-A1** **LT-KDMB-96** 2M acetic acid @80°C for 2hrs	**LT-KDMB-A1** **LT-KDMB-96** DMB @50°C for 3hrs	**LS-R1-4.6x150** 25 µL for 30 min	**LS-UR2-2.1x100** 5 µL for 15 min	

Standards & Controls (run with your samples)		**Key Indicators**
Fetuin glycoprotein standard **GCP-FET-50U-X4**	N-acetylneuraminic acid quantitative standards **CM-NEU-AC-01** N-glycolyneuraminic acid quantitative standards **CM-NEU-GC-01**	**Neu5AC** & **Neu5Gc** amounts in nmol/mg of protein
A2G2S2 glycopeptide standard **BQ-GPEP-A2G2S2-10U**	N-acetylneuraminic acid qualitative standard **CM-NEU5,9AC2-01** Sialic acid reference panel **CM-SRP-01-C**	Relative proportions of **Neu5,9,Ac2**

****Not all sample types require drying (Preparation). E. g. blood plasma and serum samples can be analyzed directly.**