LudgerTag[™] 2-AA & 2-AB Glycan Labeling Protocol





- 1. The amino group of the dye label couples with the open ring form of the glycan to form a Schiff's base.
- 2. The Schiff's base is reduced to give a stable glycan-dye conjugate



closed ring

form

Mutarotation open ring form



o 2-AB Dye





Amination

H₂N'

Schiff's Base

Reduction

Labelled Glycan