

Supporting Information

Rapid Drop-Test for Lectin Binding with Glycopolymer-Coated Optical Ring Resonators

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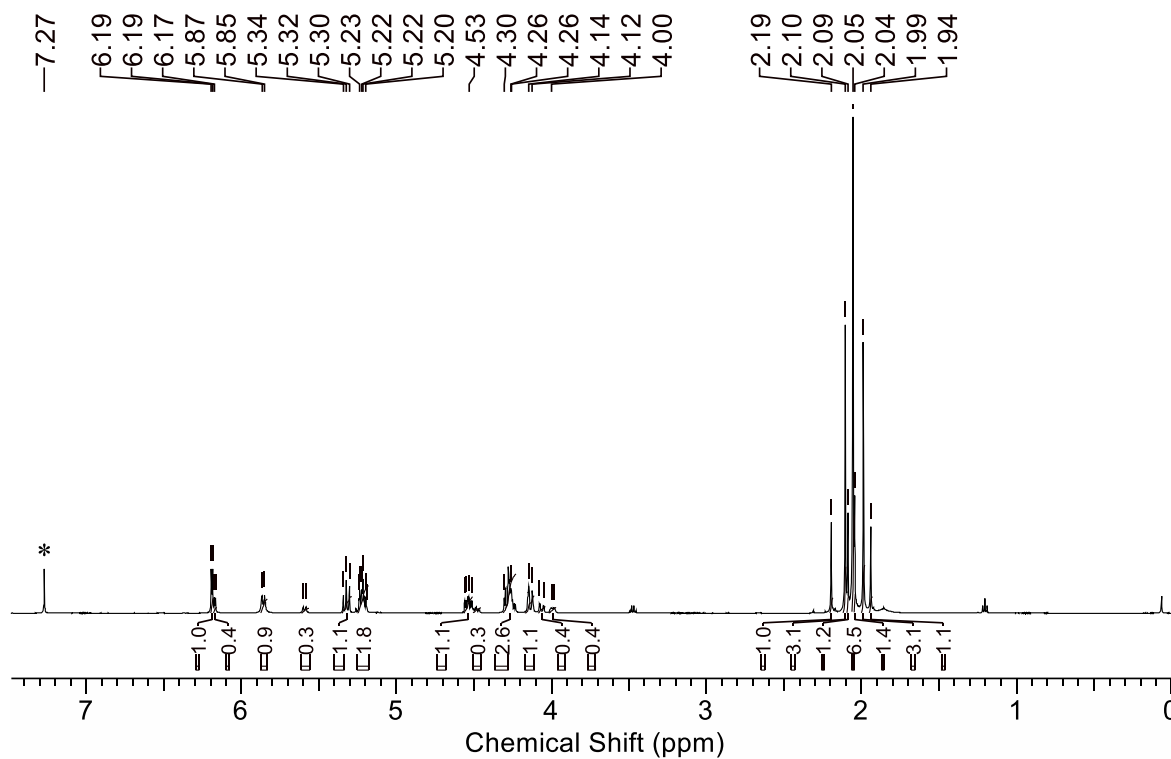


Figure S1: ¹H NMR spectrum of Ac-GlcNAcCl, CDCl₃ (*).

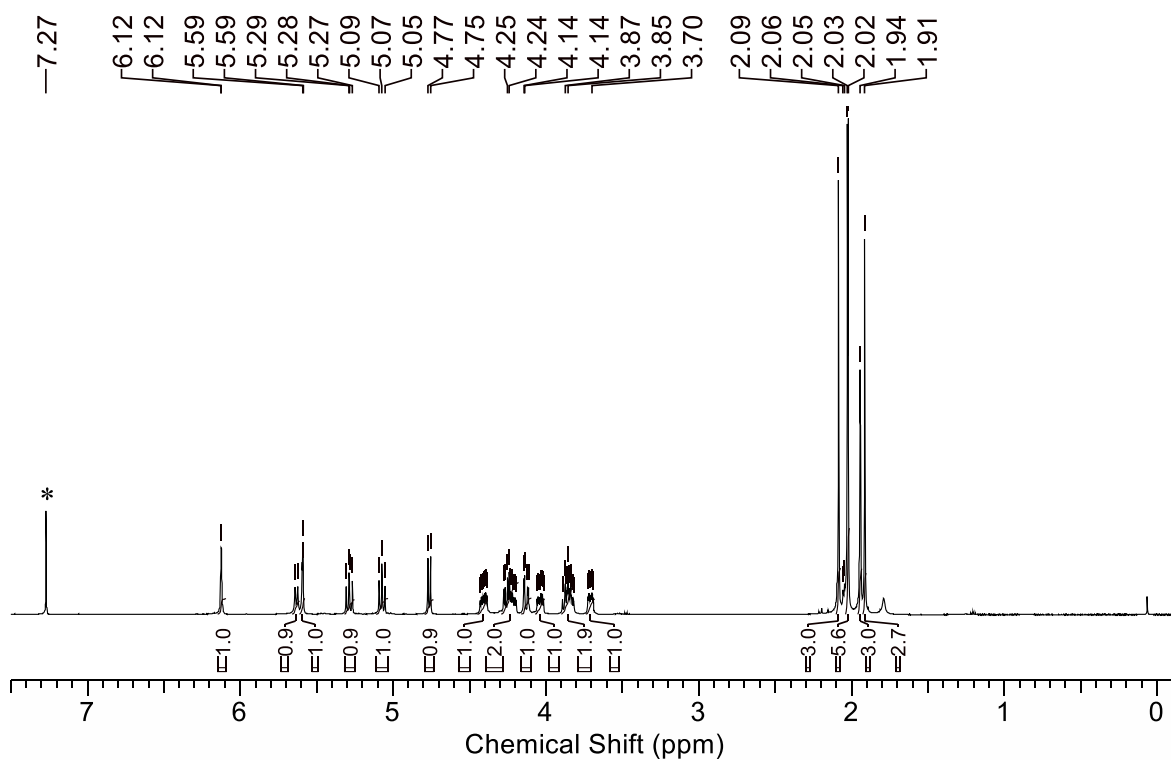


Figure S2: ¹H NMR spectrum of Ac-GlcNAcEMA, CDCl₃ (*).

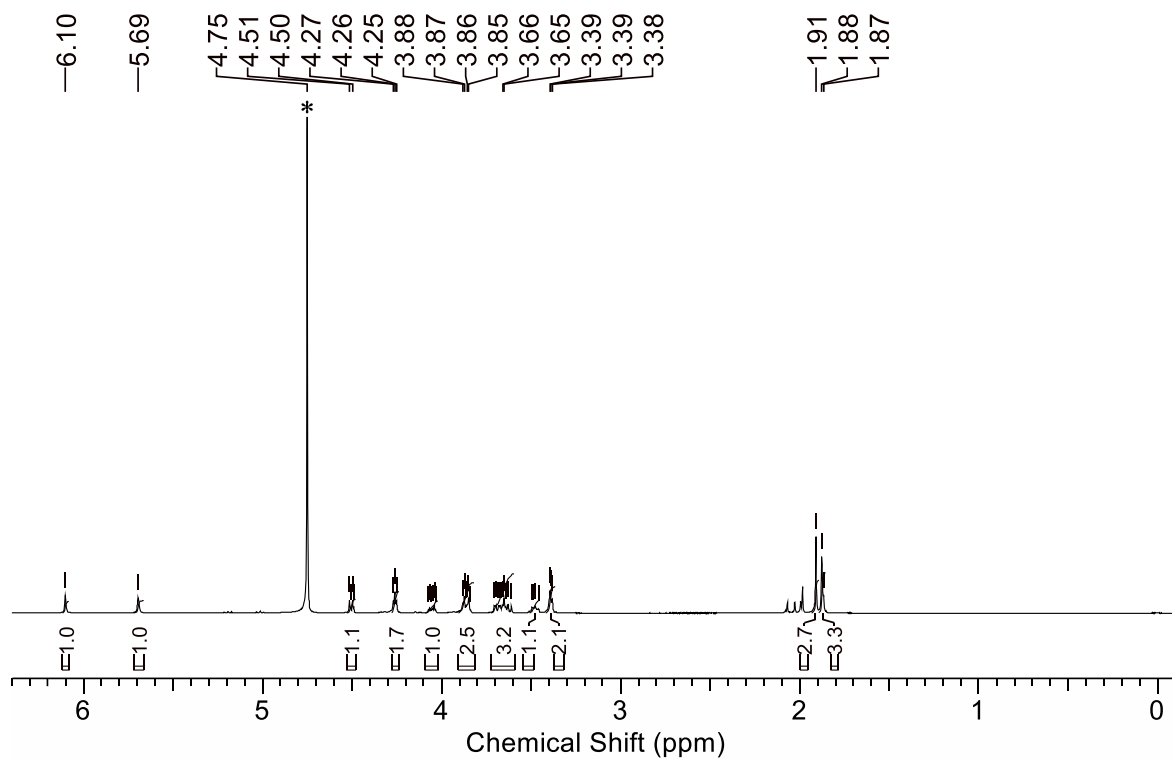


Figure S3: ^1H NMR spectrum of GlcNAcEMA, CDCl_3 (*).

Table S1: Elemental composition of the Si_3N_4 surface after deposition of the initiator

	Elemental concentration [%]				
	C	N	O	Si	Br
Si_3N_4	9.7	31.0	25.0	33.4	0.8

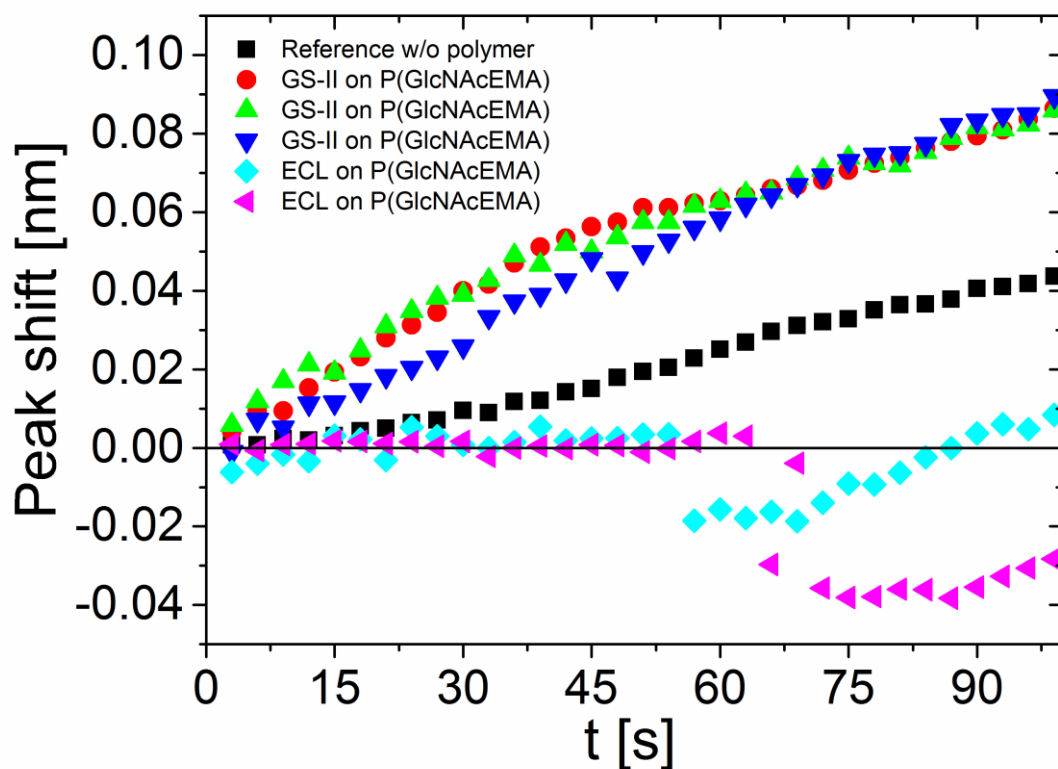


Figure S4: Measured binding data: Multiple measurements performed with GS-II on P(GlcNAcEMA) coated optical ring resonators and ECL as non-binder. Black data shows unspecific adhesion to the sensor surface without polymer coating. The measurements were performed on different chips.