

Enzymatic preparation of biotinylated naturally-occurring sialylglycan and its molecular recognition on a quartz-crystal microbalance

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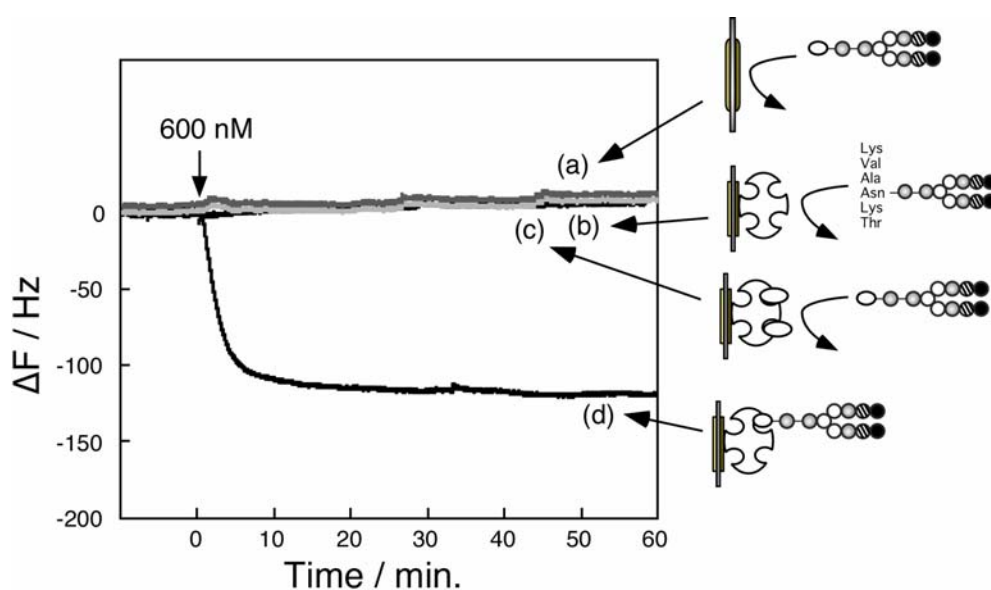


Figure S1 Typical time courses of frequency decreases (mass increases) of (a) no binding of biotinylated sialylglycan to a bare Au electrode, (b) no binding of SGP to the NeutrAvidin-immobilized QCM, (c) the inhibition of biotin (1 mM) to the binding of biotinylated sialylglycan to the NeutrAvidin-immobilized QCM, and (d) the binding of biotinylated sialylglycan to the NeutrAvidin-immobilized QCM. [SGP] = [biotinylated sialylglycan] = 600 nM, 150 mM phosphate, pH 7.2, 150 mM NaCl, 25 °C.