



UNIVERSITAT ROVIRA I VIRGILI



Aptamer-based Nanoporous Anodic Alumina Interferometric Biosensor for Real-time Thrombin Detection

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Figure S1: ESEM image of NAA 60 nm of pore diameter a) top and b) cross section

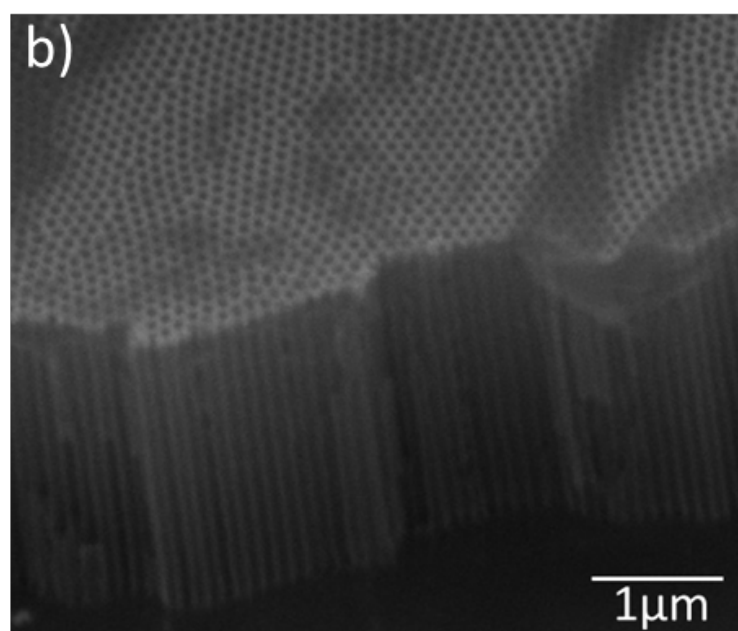
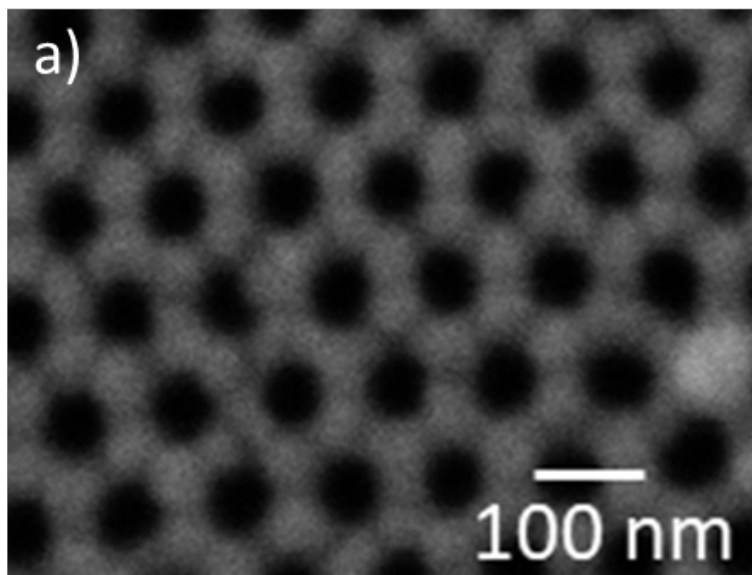


Figure S2: Registered change in EOT as a function of time for complete biotinylated TBA attachment experiments before the detection of different concentrations of thrombin. The different steps in the experiment are indicated in the graphs as numbers and correspond to: 1=Sulfo-NHS-Biotin, 2 = Streptavidin, 3 = Biotinylated TBA.

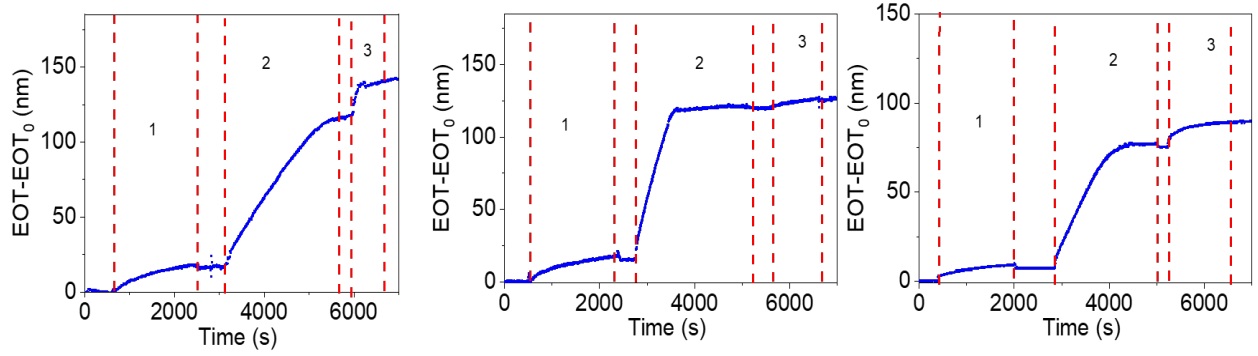


Figure S3: Registered change in EOT as a function of time for two replicas at different concentrations of thrombin a) and b) 2.7 μ M, c and d) 1.35 μ M, e) and f) 0.99, g) and h) 0.67 μ M, i) and j) 0,54 μ M

