

Supporting information

SOLID PHASE SYNTHESIS OF THROMBIN BINDING APTAMER ON MACROPOROUS SILICA FOR LABEL FREE OPTICAL QUANTIFICATION OF THROMBIN

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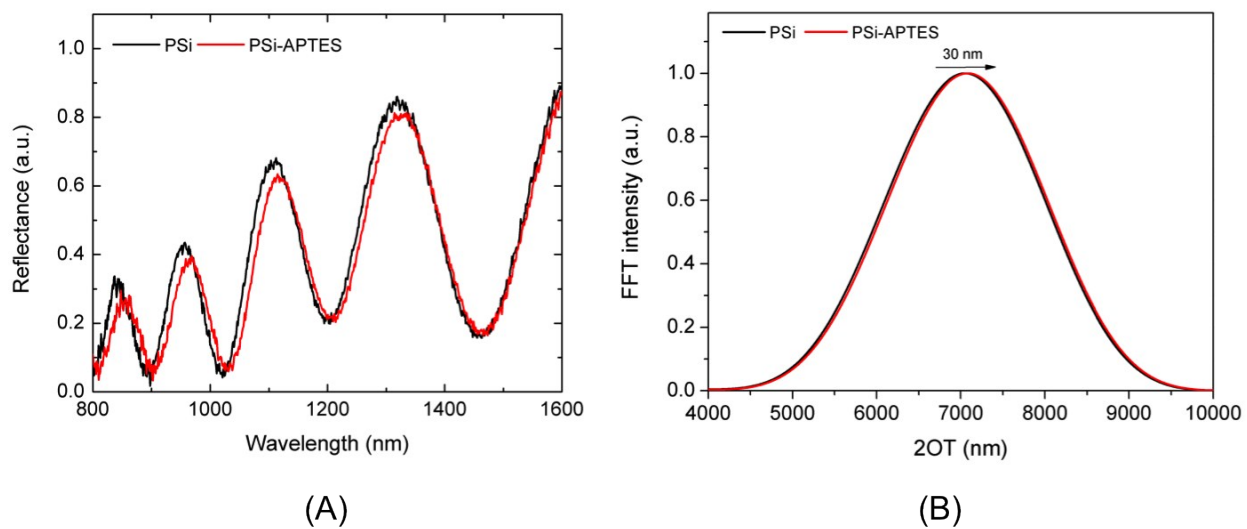
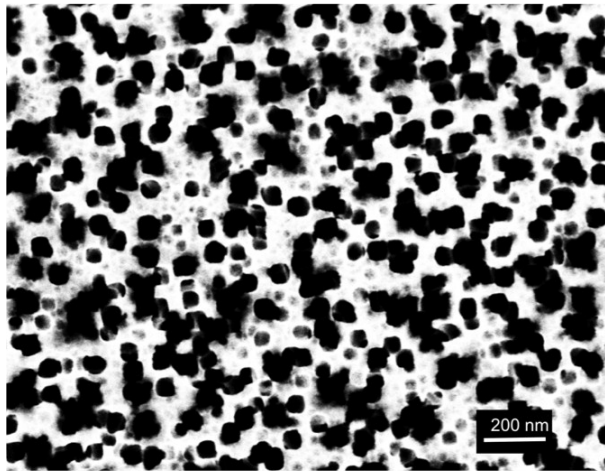
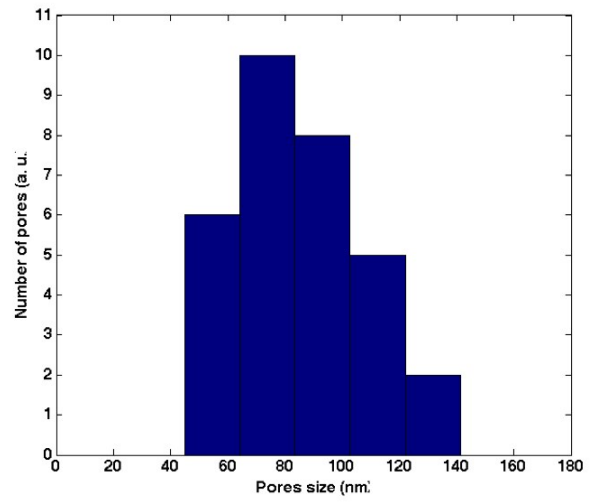


Figure S1. Reflectivity spectra (A) and corresponding FFTs (B) of porous silica structure before (black line) and after (red line) APTES functionalization.



(A)



(B)

Figure S2. SEM of oxidized macroporous silicon (A) and corresponding histogram of pores size distribution (B).

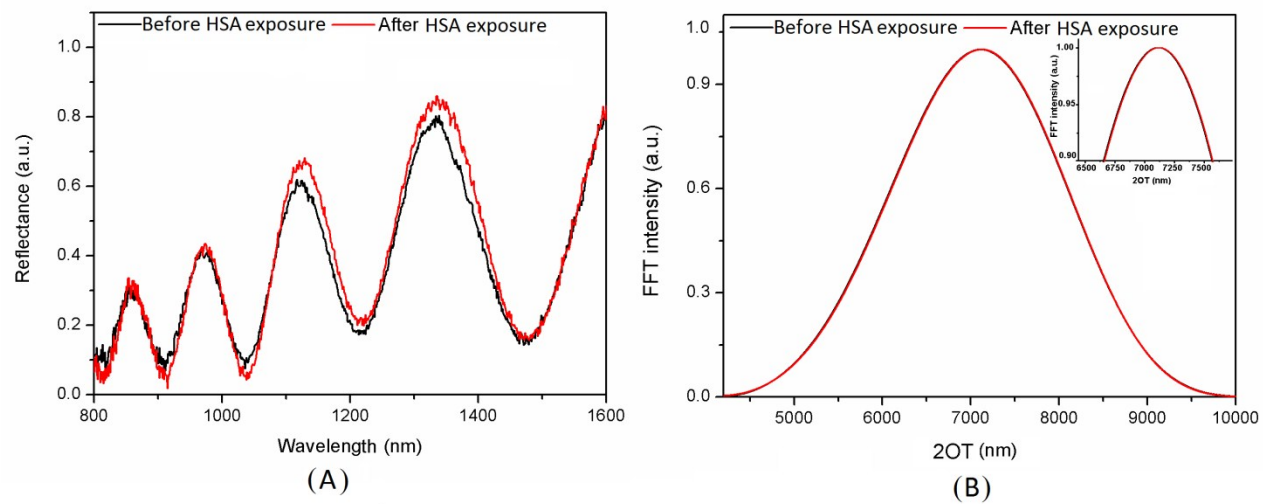


Figure S3. Reflectivity spectra (A) and corresponding Fourier transforms (B) of PSi-aptasensor after exposure to the control HSA solution (109 nM).