

SUPPLEMENTARY MATERIAL

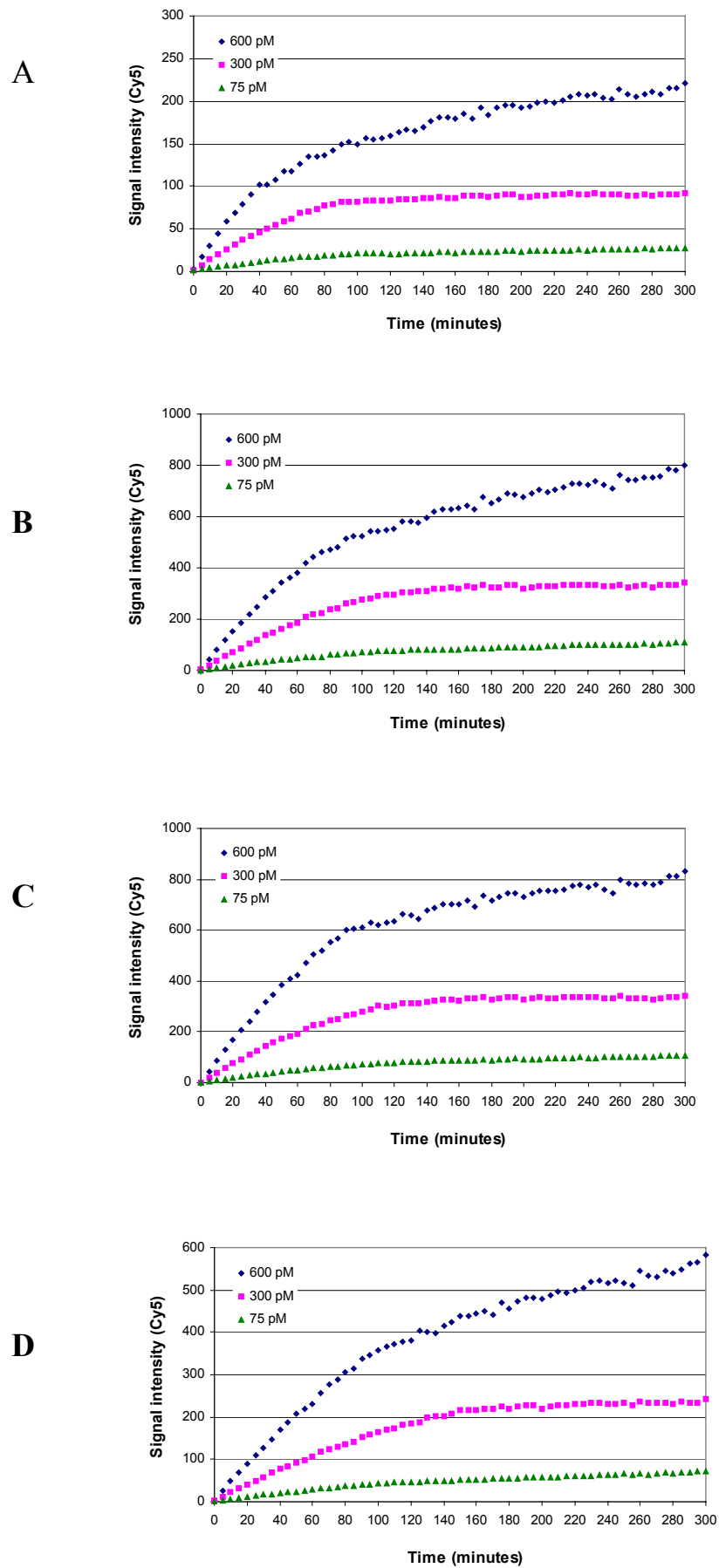
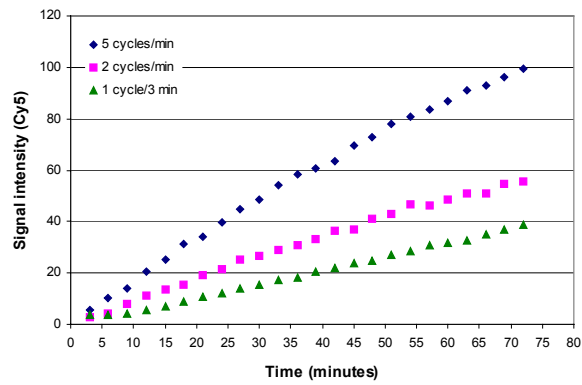


Figure 4. Hybridization kinetics on porous arrays for different exogenous transcripts.

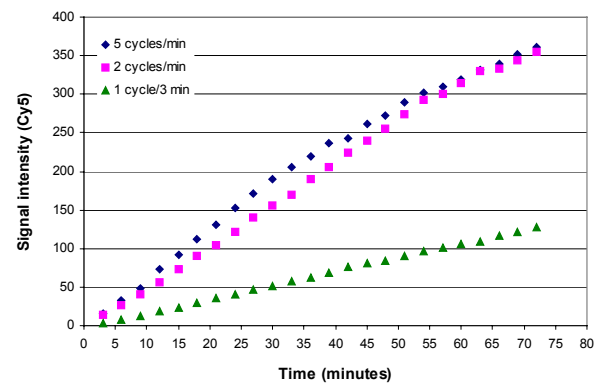
Signal intensity versus hybridization time for exogenous transcripts 1, 5, 6 and 8.

Signal intensities were recorded over 300 minutes during three hybridizations using 75, 300 and 600 pM concentrations of the transcripts. Panels A, B, C and D show signal intensity versus hybridization time for exogenous transcripts 1, 5, 6 and 8, respectively.

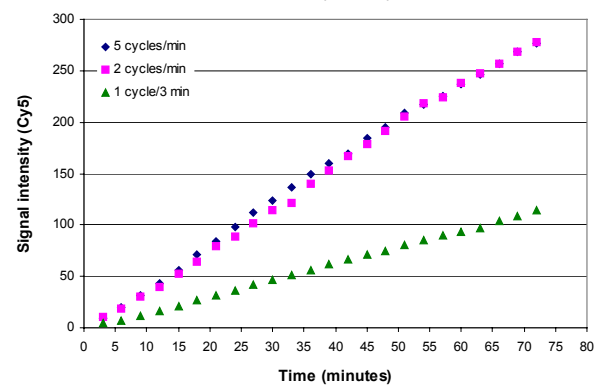
A



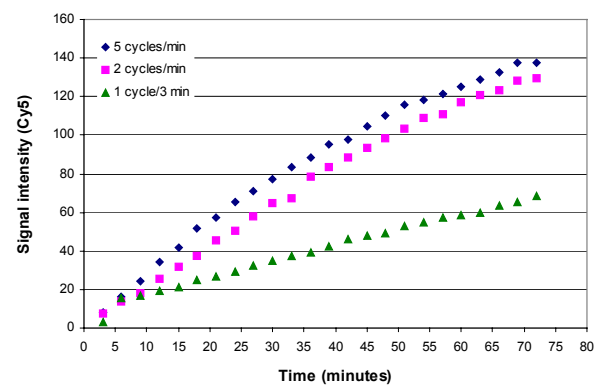
B



C



D



E

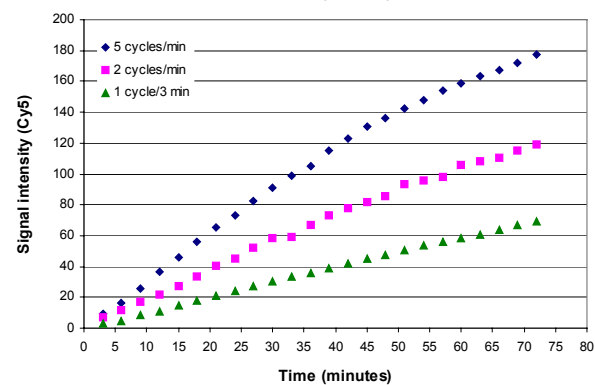


Figure 5. Hybridization kinetics on porous arrays, effect of flow rate. Signal intensity versus hybridization time for exogenous transcripts 1, 2, 5, 7 and 8. Signal intensities were recorded over 60 minutes during three hybridizations at different flow rates: 5 cycles/min, 2 cycles/min and 1 cycle/3 min using a 1 nM concentration of the transcripts. Panels A, B, C, D and E show signal intensity versus hybridization time for exogenous transcripts 1, 2, 5, 7 and 8, respectively.