

Supporting Information

Heterogeneous Electrochemical Aptamer-Based Sensor Surfaces for Controlled Sensor Response

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Figure S1. Voltammograms showing the specific sensor response to the presence of tobramycin and background signals in the absence of aptamers.

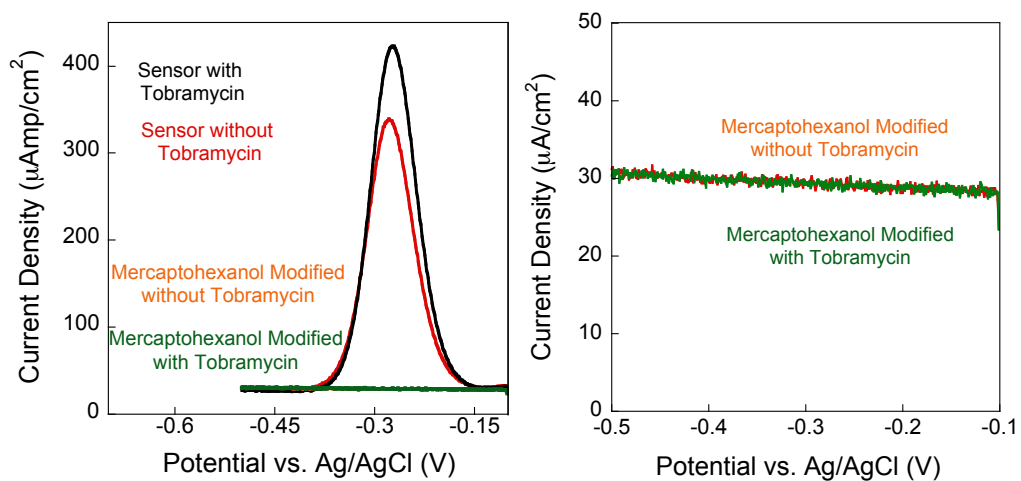


Figure S1. Electrochemical, aptamer-based sensors fabricated with parent aptamer respond (left) with an increase in voltammetric peak current resulting from the reversible reduction of methylene blue. (Left and right) As a control, sensors fabricated without aptamers, and thus only the mercaptohexanol backfill monolayer, exhibit no appreciable faradaic current in the absence and presence of tobramycin.