

Dynamic interaction between melamine and cyanuric acid in artificial urine investigated by quartz crystal microbalance

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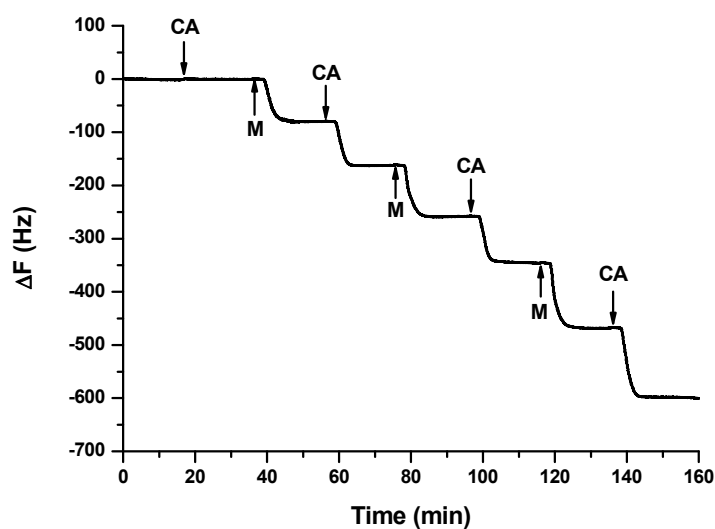


Fig. S1. Typical QCM frequency changes for the M-CA multilayer complex formation in the artificial urine solution (pH 6.0). M and CA: 4 mmol L⁻¹

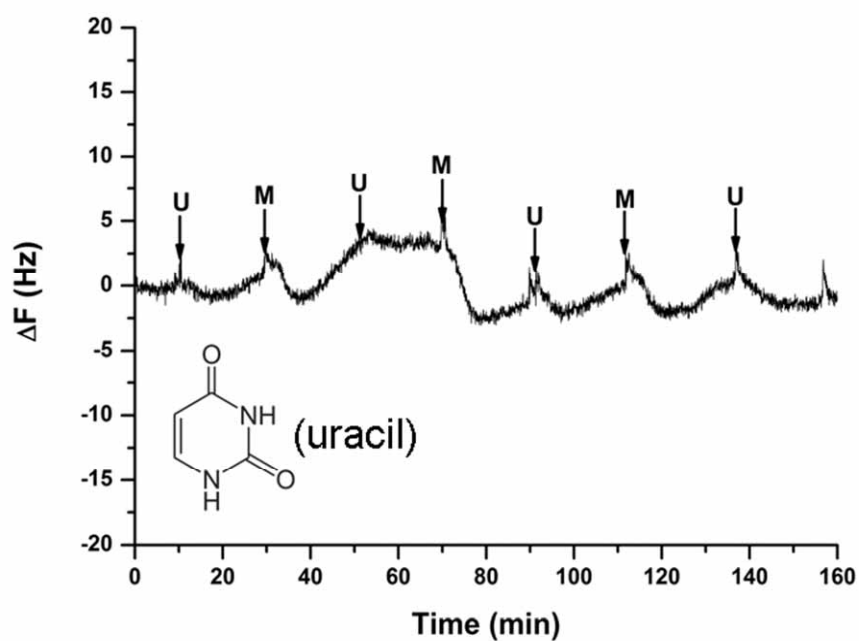


Fig. S2. Frequency response of QCM during the M-U alternate adsorption in pure water.

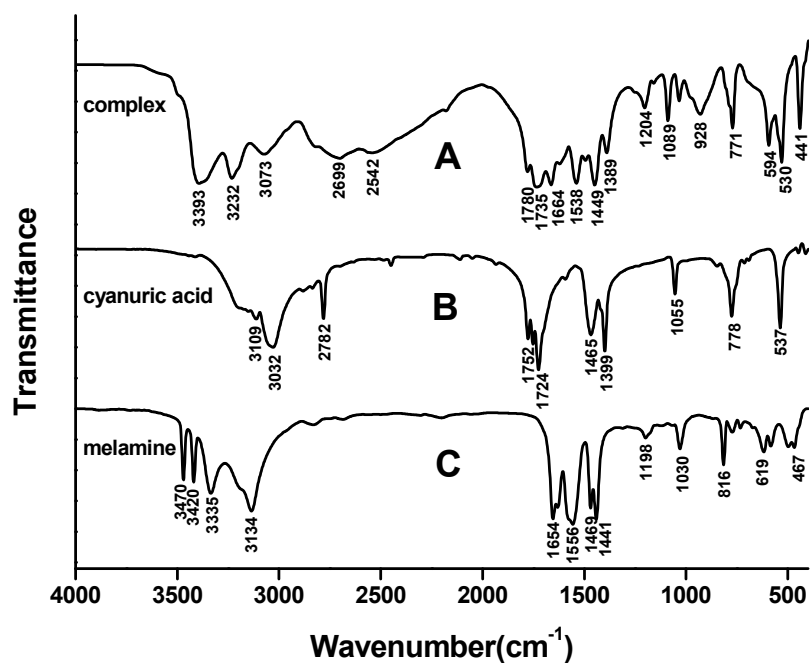


Fig. S3. Solid-state FT-IR spectra (KBr pellet) of (A) M-CA complex, (B) CA, and (C) M.

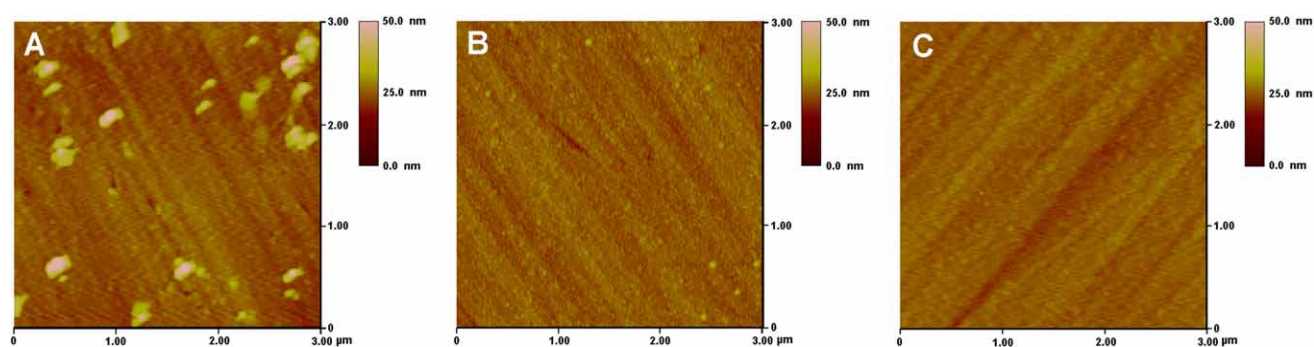


Fig. S4. AFM images of (A) 4 mmol L⁻¹ pure M solution deposited on gold substrate, (B) 4 mmol L⁻¹ pure CA solution deposited on gold substrate, and (C) bare gold substrate.