

Supporting information

Upconversion-Nanoparticles-Functionalized Janus Micromotor for Rapid Detection of Uric Acid

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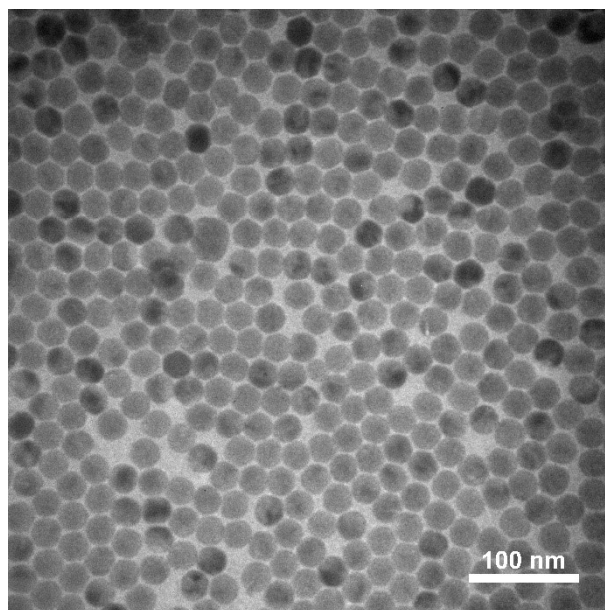


Fig. S1 SEM image of UCNPs.

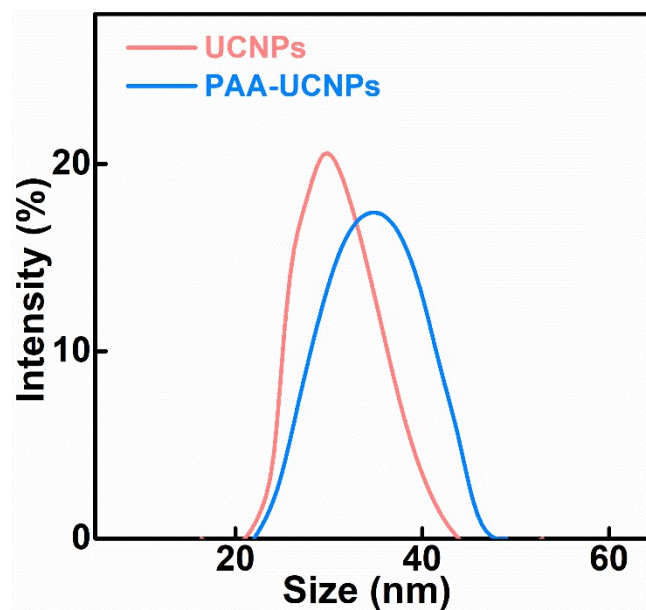


Fig. S2 DLS size distribution of UCNPs and PAA-UCNPs.

Supporting videos

Video S1 A video showing the motion of a JUS motor in 0.5 mM uric acid PBS solution.

Video S2 A video showing the motion of a JUS motor in 1 mM uric acid PBS solution.

Video S3 A video showing the motion of a JUS motor in 3 mM uric acid PBS solution.

Video S4 A video showing the motion of a JUS motor in 5 mM uric acid PBS solution.

Video S5 A video showing the motion of a JUS motor in PBS solution without uric acid.