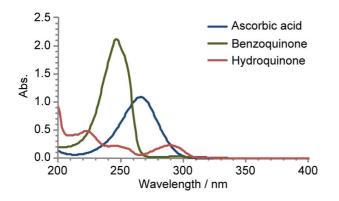
## Self-Motion of a Benzoquinone Disk Coupled with a Redox Reaction

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**Supporting Information (SI)** 

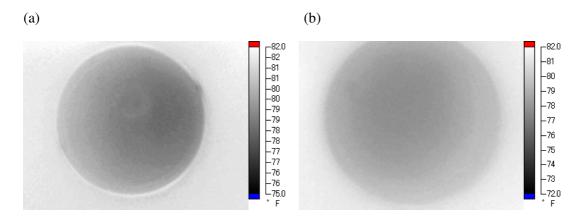
## 1. Redox reaction estimated by UV/vis spectra



**Figure S1.** UV/vis spectra of BQ, HQ, and ascorbic acid. Concentration of every solution were  $100 \ \mu$ M.

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## 2. Thermography



**Figure S2.** The thermography of the samples (a) ascorbic acid (50 mM), and (b) Ferricyanide (5- mM).