

The Conjugation of Gold Nanorods with Bovine Serum Albumin Protein

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Fig. S1: UV-visible spectra of AuNR

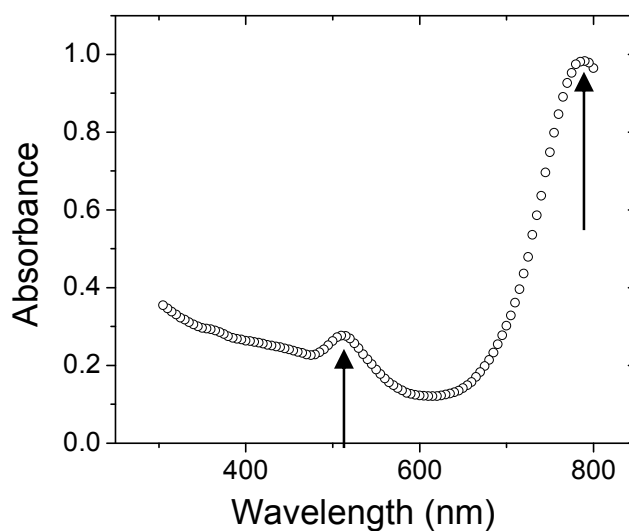


Figure S1. UV-vis spectra with two distinct peaks at 790 nm and 510 nm. The peak at 790 nm depends upon the aspect ratio of the rod.

Fig. S2. Histograms of rod size.

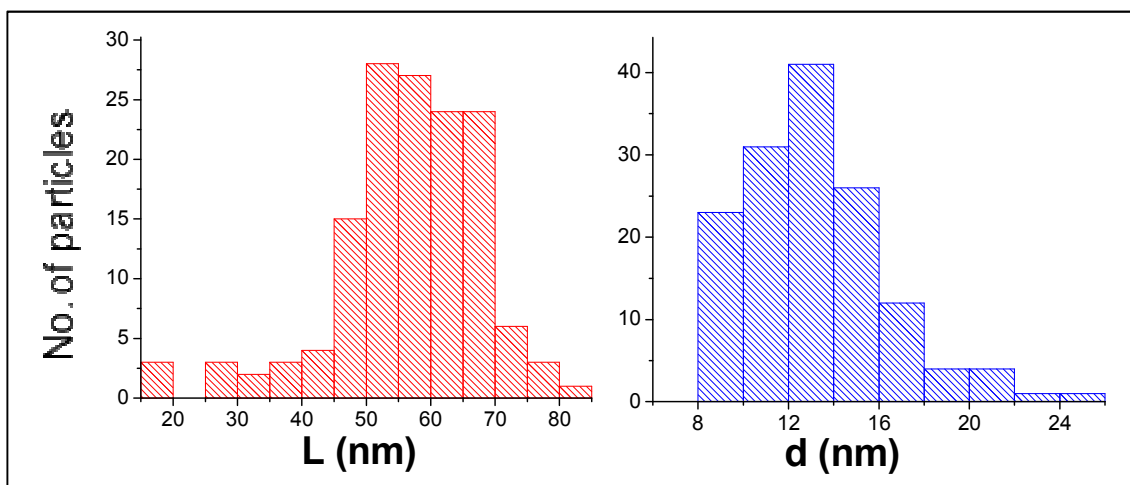


Figure S2. The histograms of length (L) and diameter (d) of the nanorods. The analysis gives

$L=56 \pm 11$ nm and $d=13 \pm 3$ nm.

Fig. S3. Viscosity of buffer.

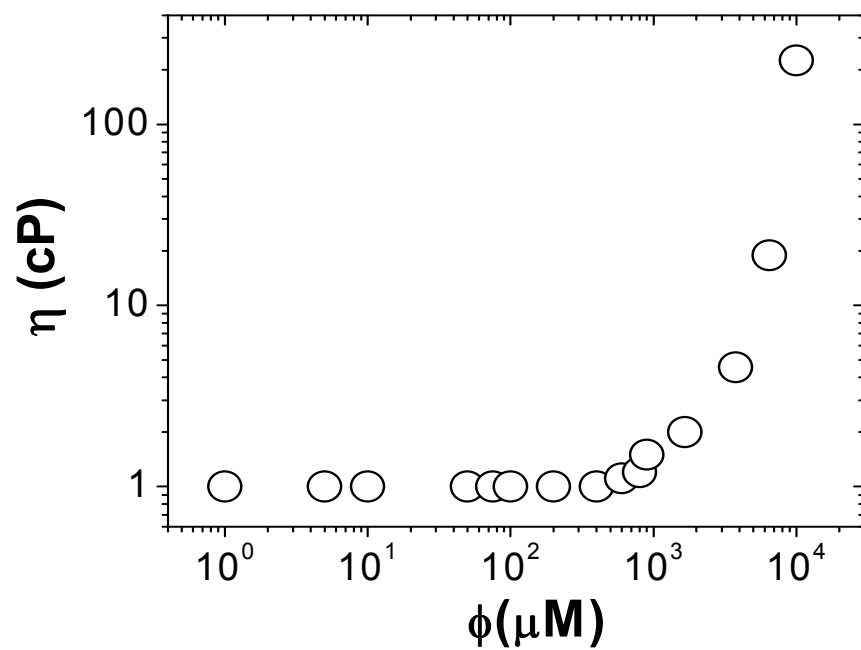


Figure S3. Viscosity of BSA solution as a function of BSA concentration in log-log plot.