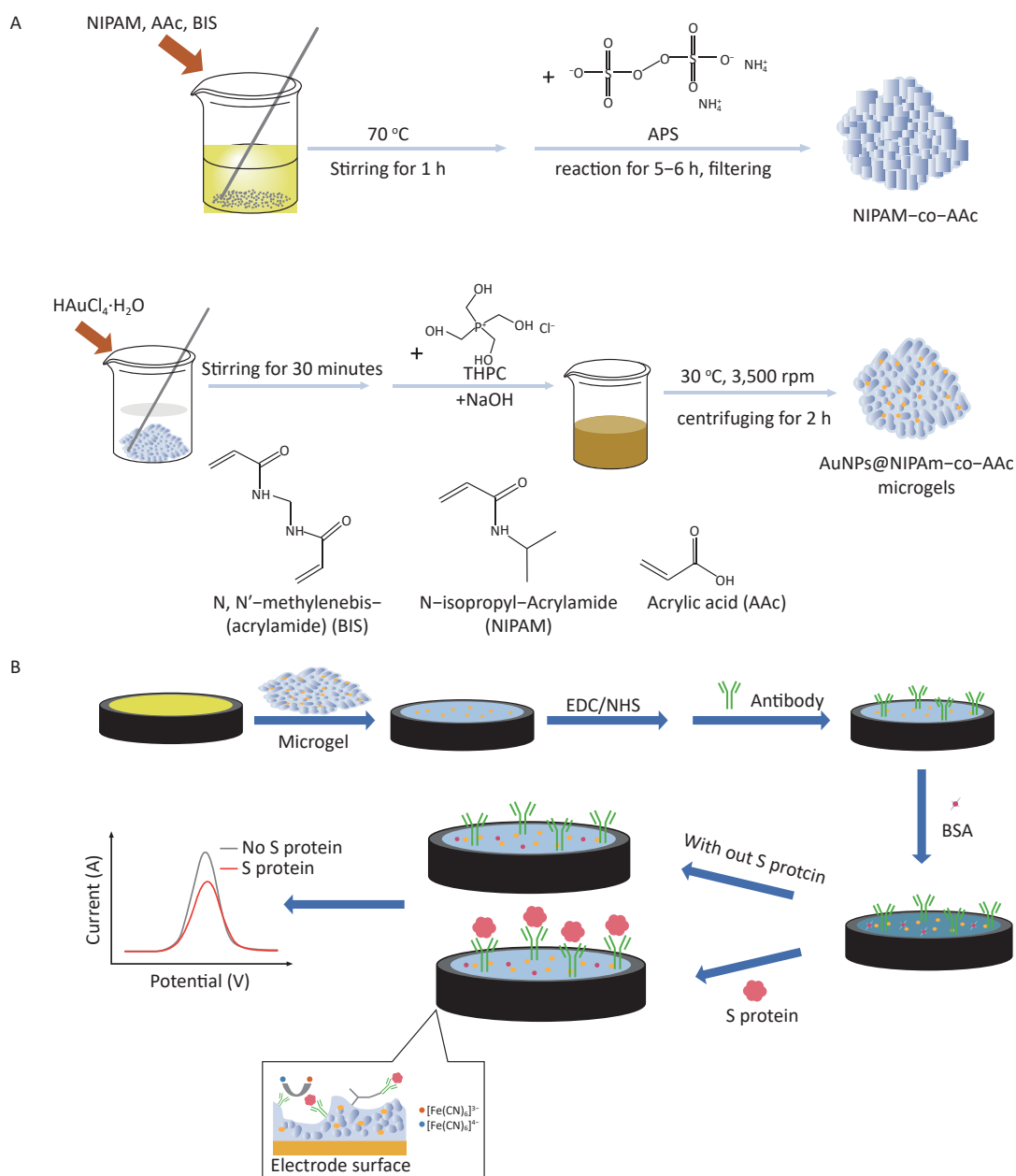




**Supplementary Figure S1.** (A) Synthesis of AuNPs@NIPAM-co-AAc microgels. (B) Construction of the sensing platform and detection process of S protein.