

Fig. S1 – AFM topography (A) and surface profile of sandwich structure measured after the cooling/heating cycle in water.

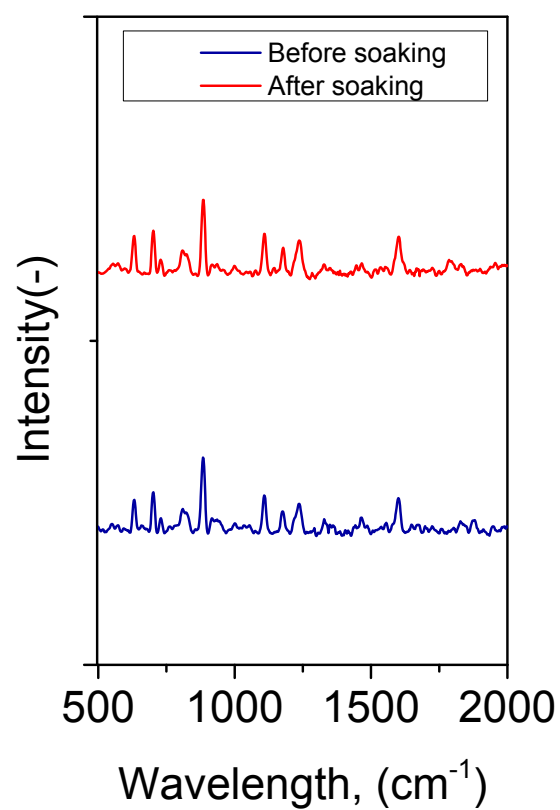


Fig. S2 – SERS spectra of pristine sandwich structure (PNIPAm response) before and after the cooling/heating cycle in water.

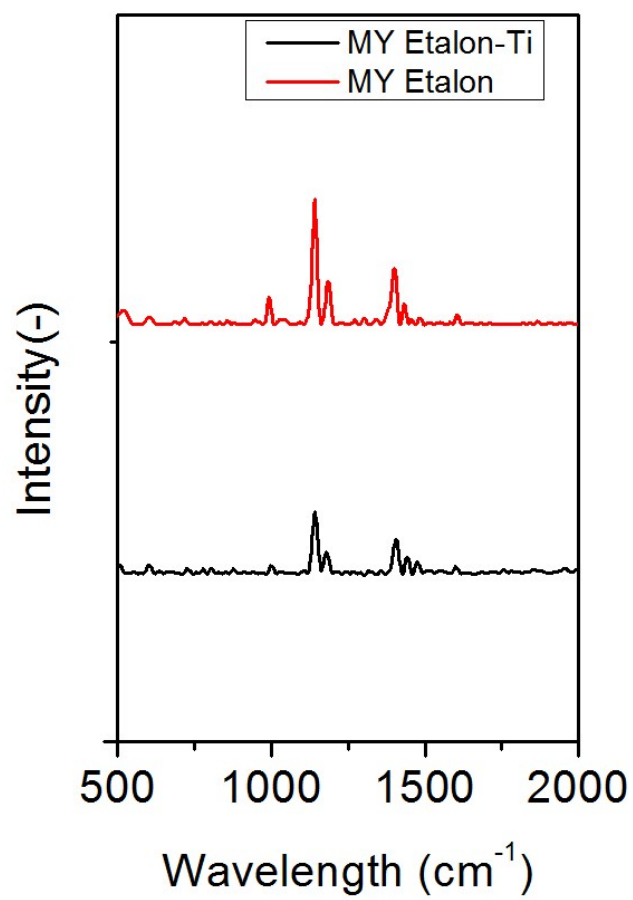


Fig. S3 Effect of adhesive Ti layer on SERS response of intermediate PNIPAm layer