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Supporting Information

DNA Stabilized Silver Nanoclusters as the Fluorescence Probe for Studying the Structural Fluctuations and the Solvation Dynamics of the Human Telomeric DNA

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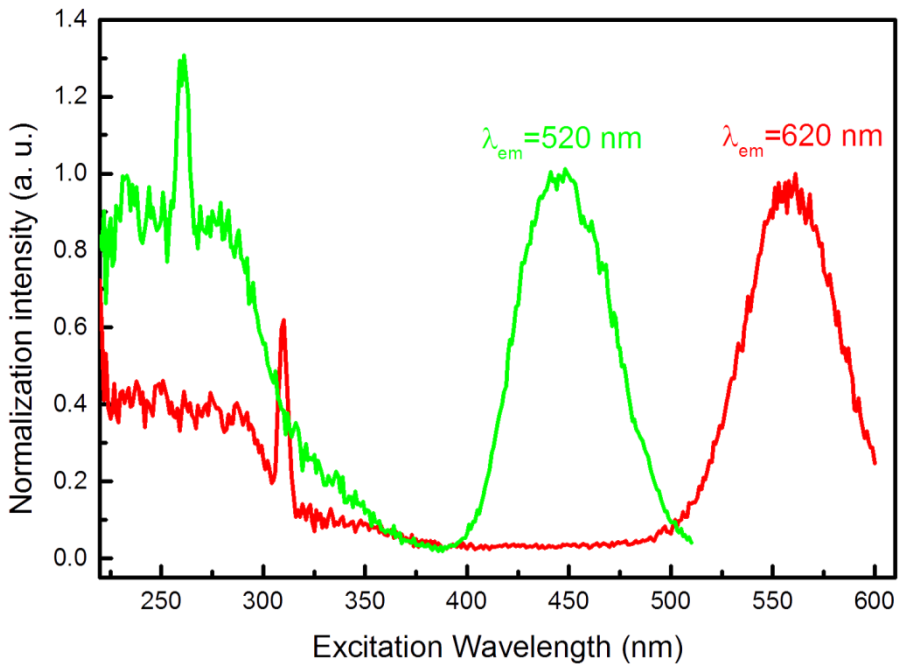

Figure S_1: The excitation spectra for the green emissive AgNCs (—) and the red emissive (—) AgNCs.

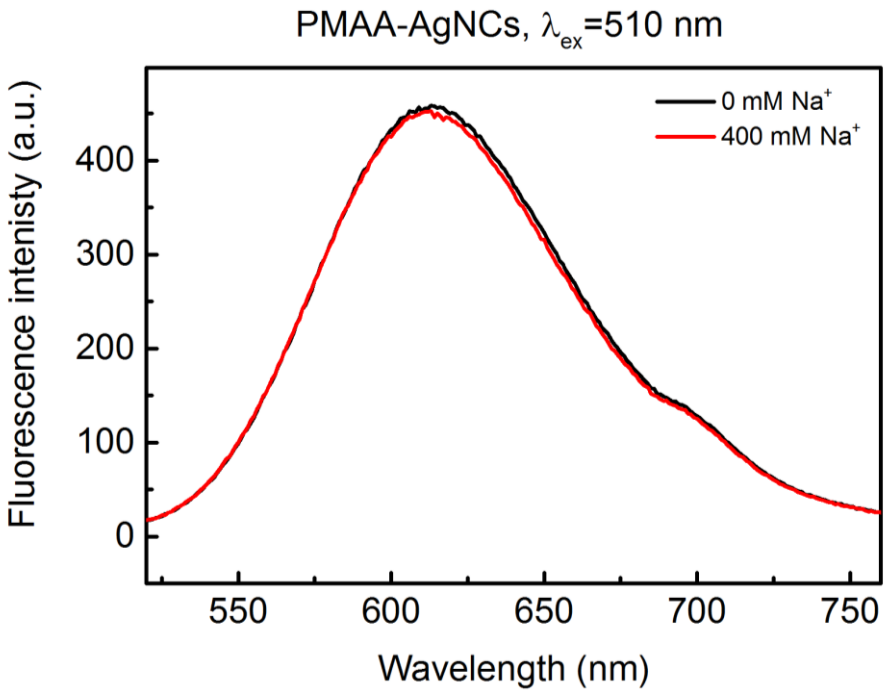

Figure S_2: The Na^+ titration experiment of the AgNCs synthesized in poly (methacrylic acid) (M.W.=4000-6000).

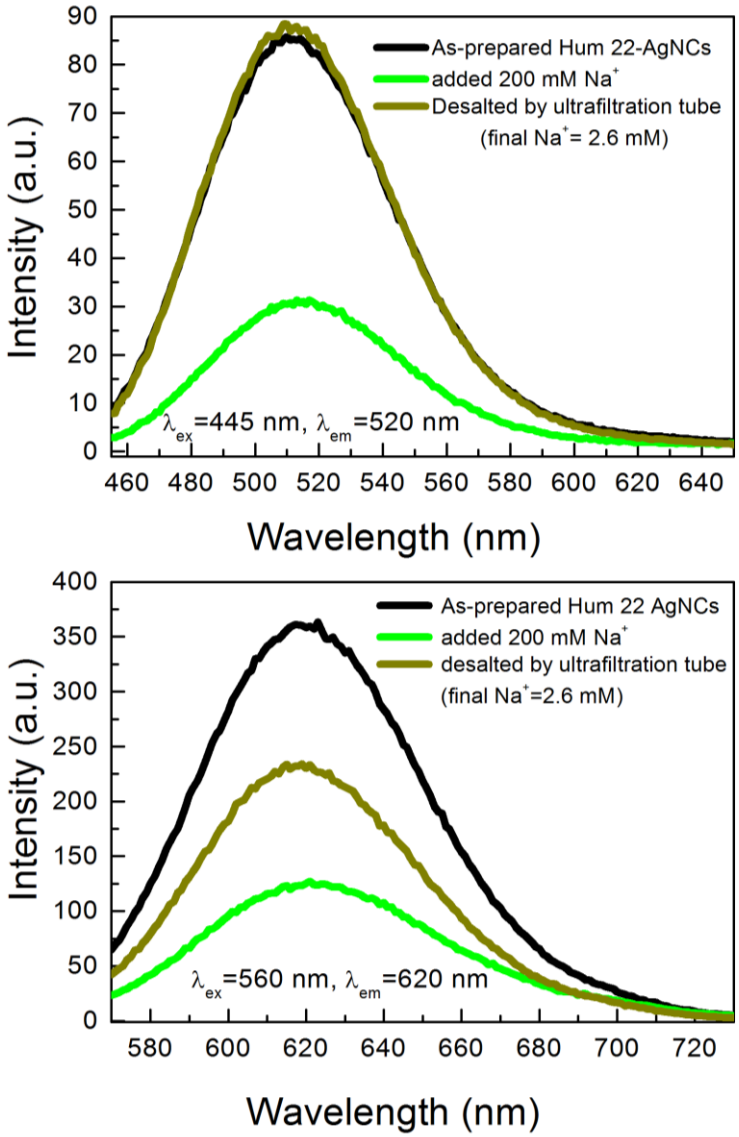

Figure S_3: The fluorescence recovery experiment of Hum 22-AgNCs in the 200 mM Na^+ containing solution. After removing the Na^+ ion, the fluorescence at 520 nm is completely recovered, while the fluoreacence at 620 nm is partially recovered due to the oxidization of AgNCs.

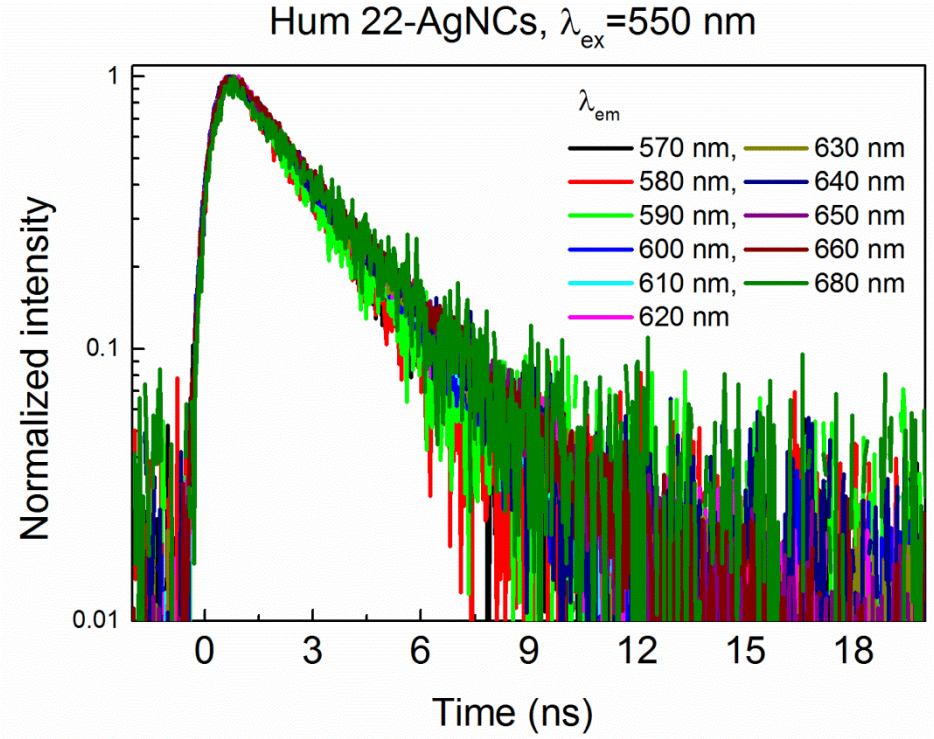

Figure S_4: The fluorescence decays of the Hum 22-AgNCs upon the 550 nm excitation

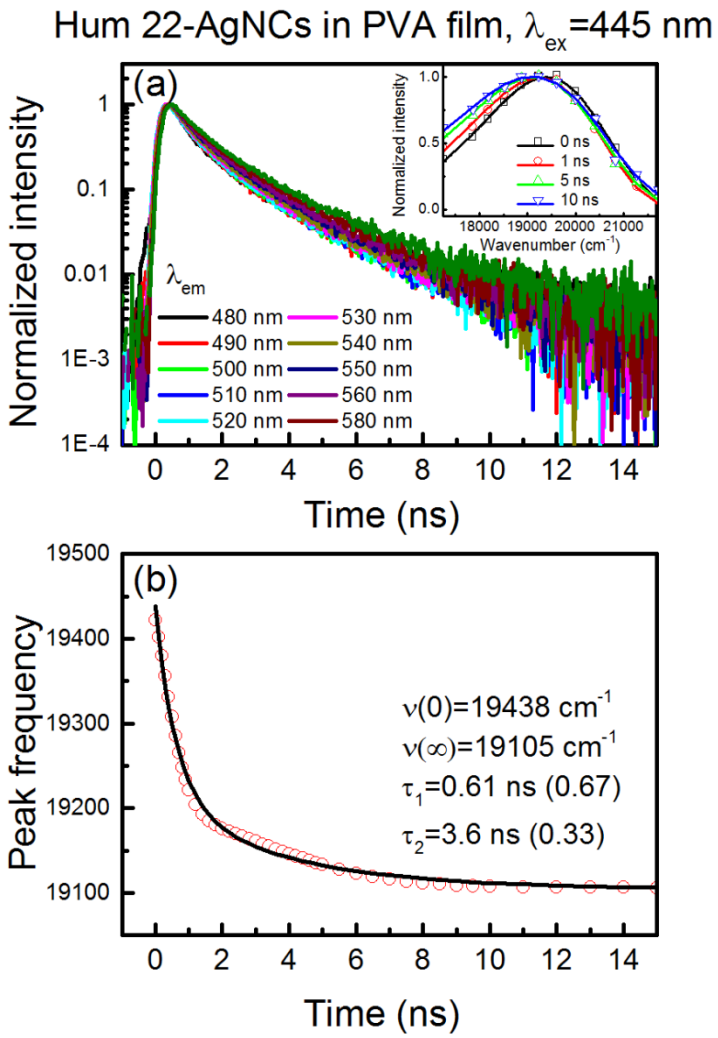

Figure S_5: (a)The fluorescence decays , the TRES and (b) the spectral relaxation dynamics of the Hum 22-AgNCs embedded in the PVA film.