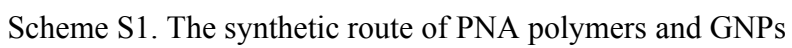


Supporting Information

Temperature Sensitive p(*N*-isopropylacrylamide-*co*-acrylic Acid) Modified
Gold Nanoparticles for Trans-Arterial Embolization and angiography

*Yiming Liu, Xiaole Peng, Kun Qian, Yingying Ma, Jiangshan Wan, Han Li, Hongsen Zhang,
Guofeng Zhou, Bin Xiong, Yanbing Zhao,* Chuansheng Zheng,* Xiangliang Yang,**



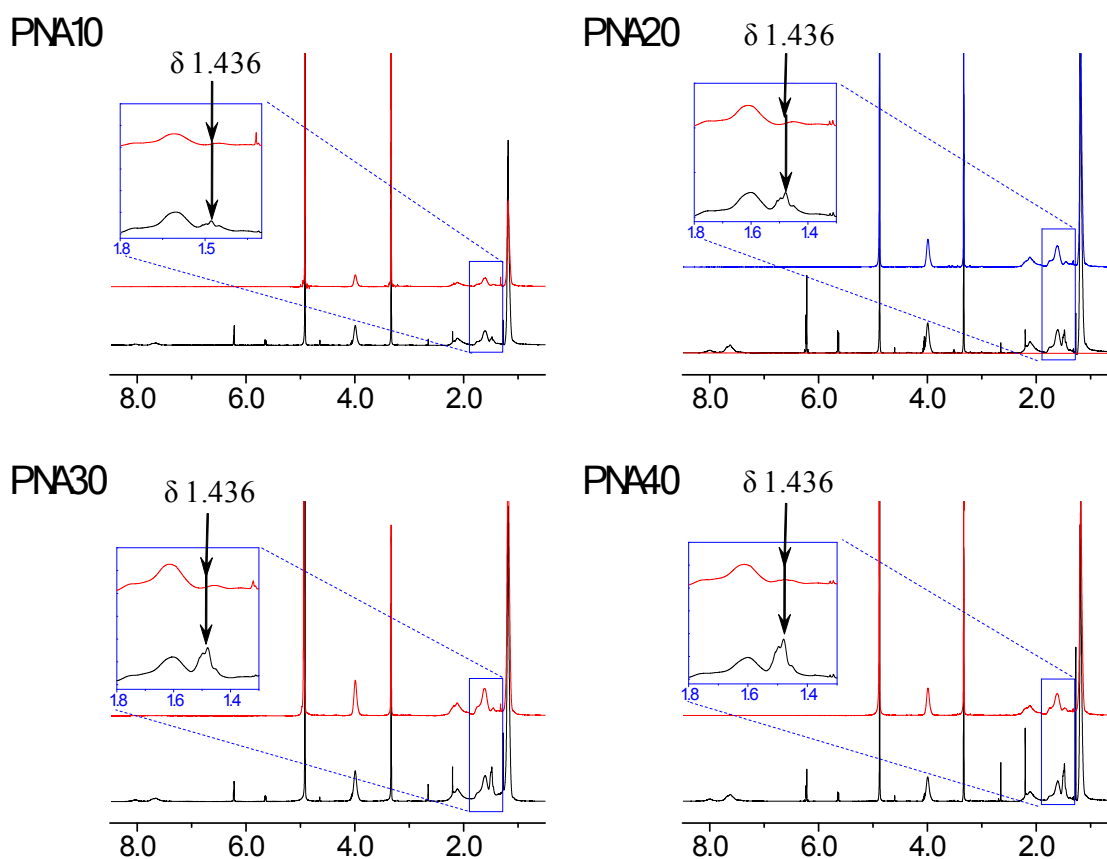


Figure S1. ^1H -NMR spectrum comparison of four PNA triblock polymers (red lines) with their corresponding precursors PNtB polymers (black lines). $\delta 1.436$ was the chemical shift of methyl hydrogen in *tert*-butyl groups of PNtB polymers, which disappeared in the ^1H -NMR spectra of PNA polymers. $\delta 4.0$ was the chemical shift of methyne hydrogen in NIPAM.

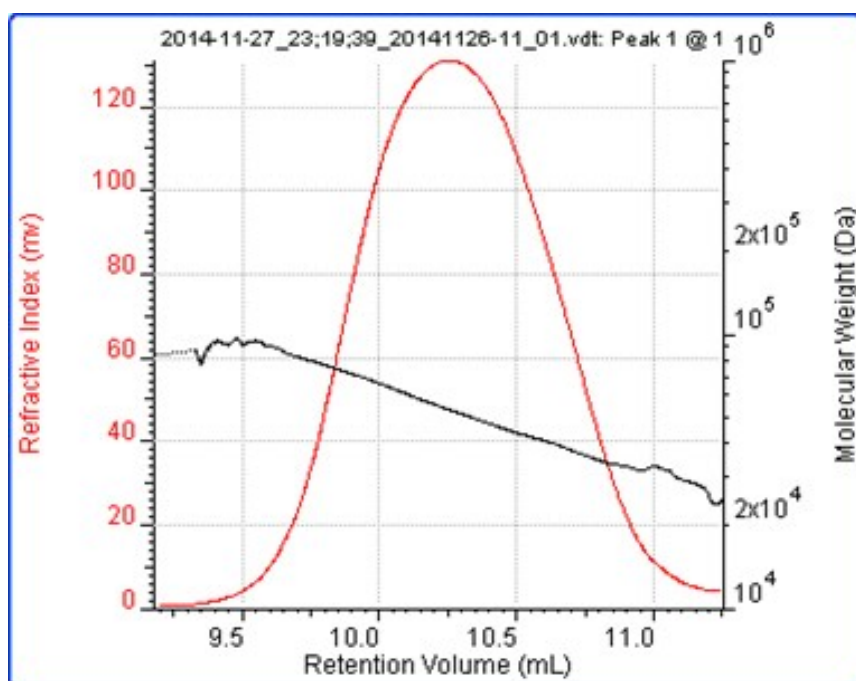


Figure S2. The GPC spectrum of PNA polymers.