Electronic Supplementary Information

Direct Chemical Synthesis of $L1_0$-FePtAu Nanoparticles with High Coercivity

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This file includes:

Figure S1 to S3

Figures

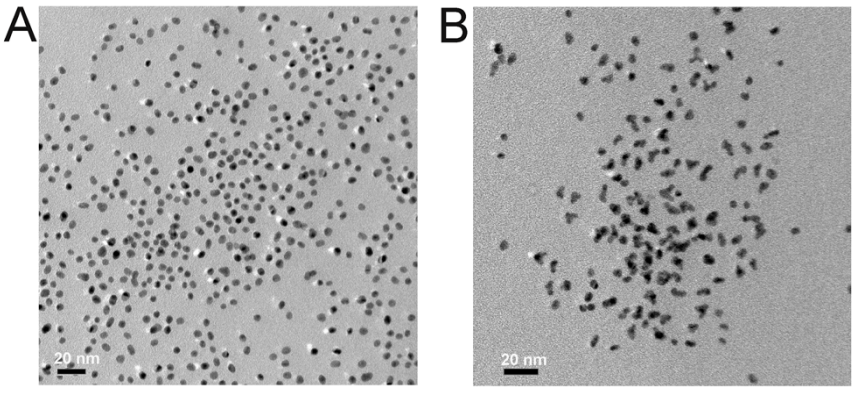

Figure S1. TEM images of (**A**) $Fe_{37}Pt_{63}$ and (**B**) $Fe_{58}Pt_{42}$ NPs.

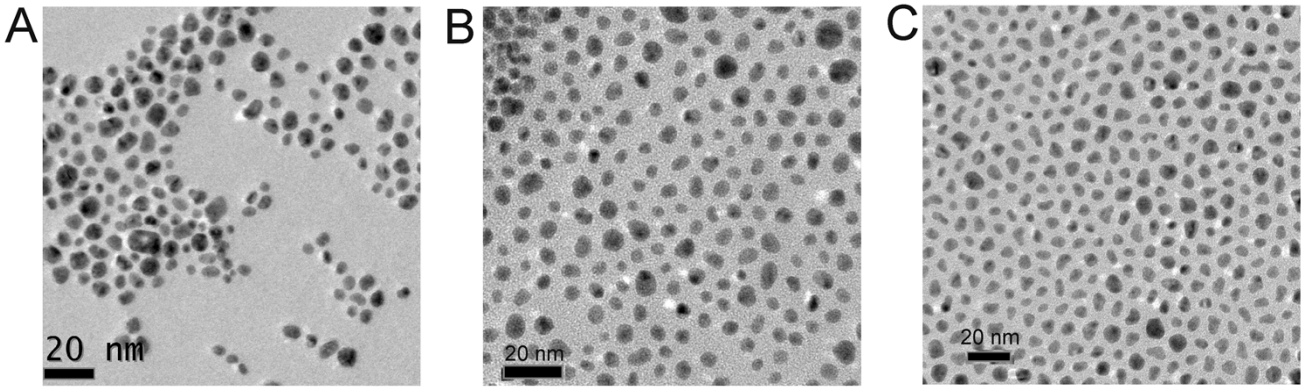

Figure S2. TEM images of (**A**) $Fe_{43}Pt_{43}Au_{14}$, (**B**) $Fe_{41.5}Pt_{41.5}Au_{17}$ and (**C**) $Fe_{40}Pt_{40}Au_{20}$ NPs.

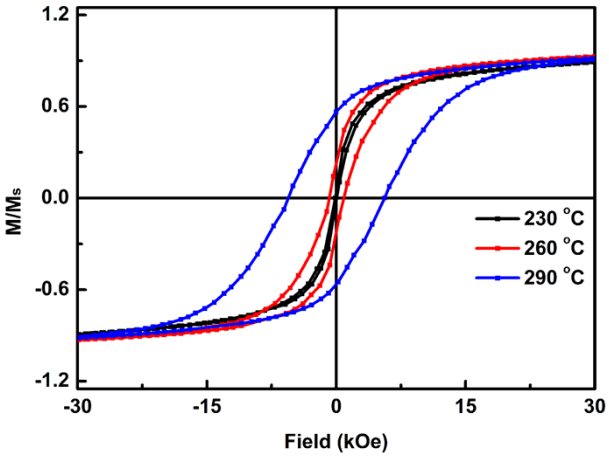

Figure S3. Hysteresis loops of the NPs synthesized at different temperatures.