1 Supporting information for

2	Preparation of broccoli-like ferromagnetic cobalt microstructure with superior
3	coercivity via aqueous reduction strategy
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Captions of figures and tables

- 2 Fig. S1. Size distribution of (a) CoT70-NP-1, (b) CoT60-NP-1, (c) CoT50-NP-1, and (d) CoT25-NP-1
- 3 analyzed using Nano measurer.
- 4 Fig. S2. Size distribution of CoT70-YP-1, (b) CoT60-YP-1, (c) CoT50-YP-1, and (d) CoT25-YP-1
- 5 analyzed using Nano Measurer.
- 6 Fig. S3. Size distribution of (a) CoT25-NP-2, (b) CoT25-YP-2 analyzed using Nano Measurer.
- 7 Fig. S4. SEM images of products synthesized using different PVP dosages: (a) 1 wt%, and (b) 5 wt%.
- 8 Fig. S5. FTIR spectra of CoT25-YP-1 samples before and after rinse.
- 9



2 Fig. S1. Size distribution of (a) CoT70-NP-1, (b) CoT60-NP-1, (c) CoT50-NP-1, and (d) CoT25-NP-1

analyzed using Nano measurer.





2 Fig. S2. Size distribution of CoT70-YP-1, (b) CoT60-YP-1, (c) CoT50-YP-1, and (d) CoT25-YP-1

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analyzed using Nano Measurer.



2 Fig. S3. Size distribution of (a) CoT25-NP-2, (b) CoT25-YP-2 analyzed using Nano Measurer.





2 Fig. S4. SEM images of products synthesized using different PVP dosages: (a) 1 wt%, and (b) 5 wt%.





Fig. S5. FTIR spectra of CoT25-YP-1 samples before and after rinse.