Supplementary Materials

Room-temperature phosphorescence probe based on Mn-doped ZnS quantum dots for the sensitive and selective detection of selenite

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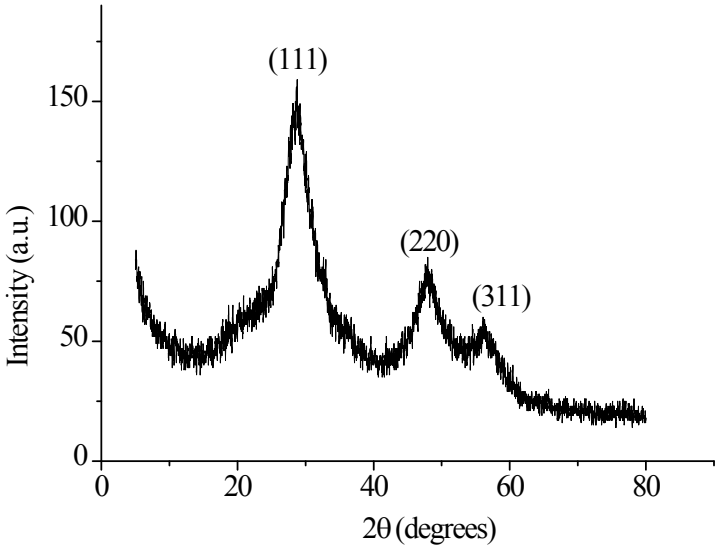

Fig. S1 XRD pattern of Mn-ZnS QDs.

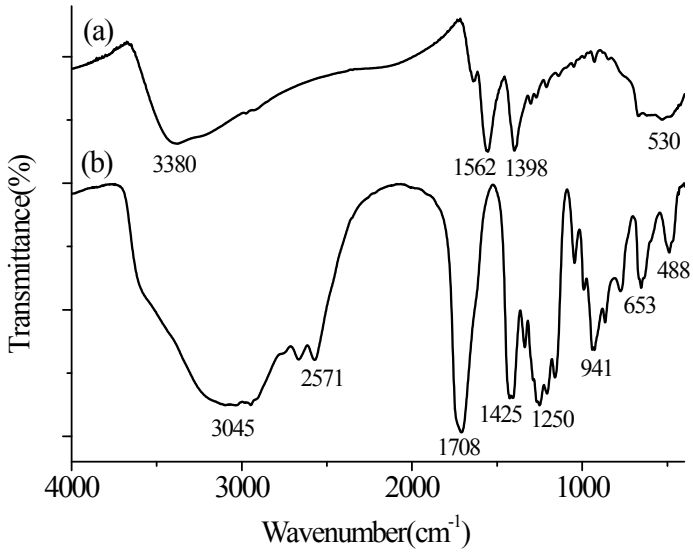

Fig. S2 FTIR spectra of (a) MPA-capped Mn-ZnS QDs and (b) MPA.

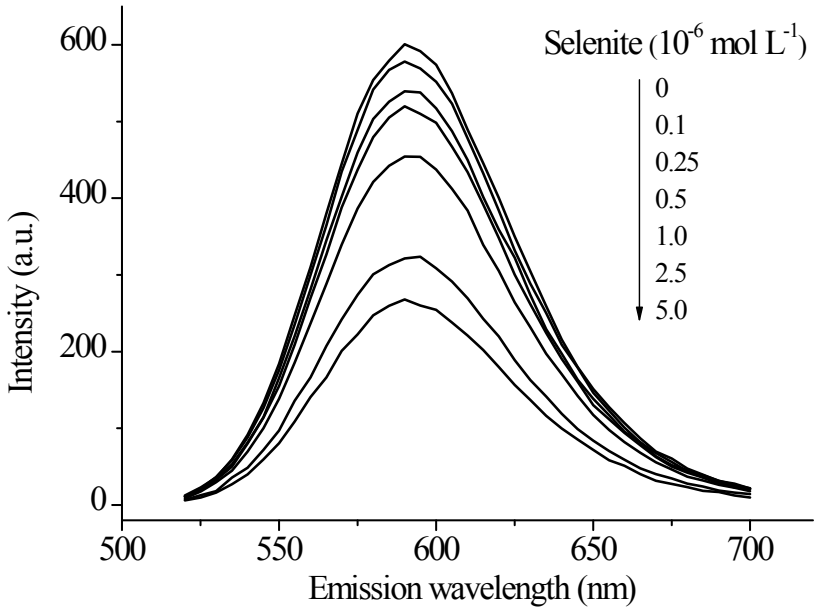

Fig. S3 RTP of Mn-ZnS QDs with GSH in the presence of various concentrations of selenite.