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Supporting infromaton

Highly selective colorimetric determination of catechol based on aggregation-induced oxidase-mimic activity decrease of δ-MnO_2

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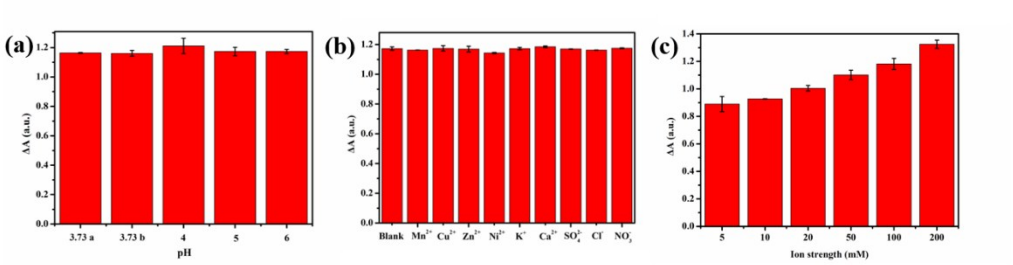

Fig. S1. The effects of (a) pH, (b) common cations and anions, and (c) ion strength during the incubation process of catechol and δ-MnO_2 on the final TMB oxidase-like activity.

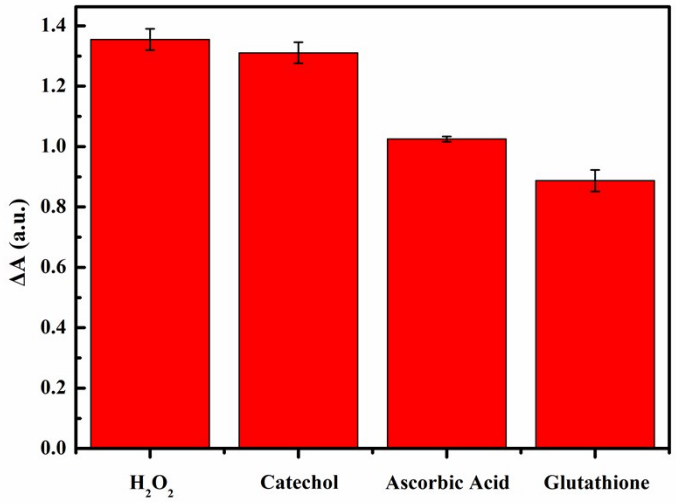

Fig. S2. The response of TMB-δ-MnO_2 to H_2O_2, glutathione, catechol and ascorbic acid.

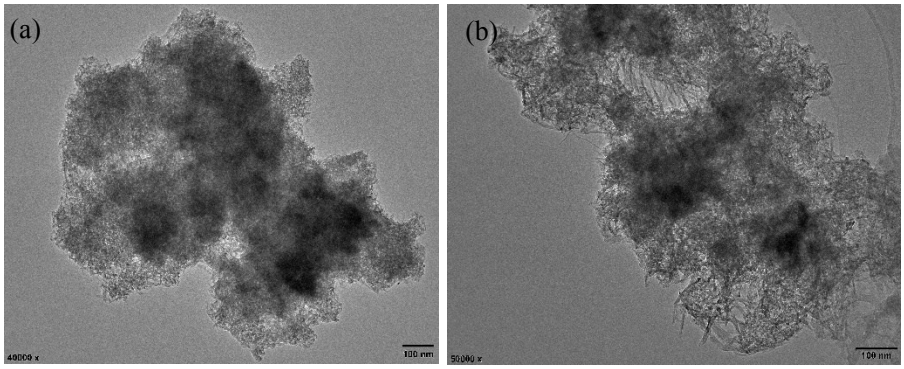

Fig. S3. TEM images of (a) pristine MnO_2 and (b) catechol reacted MnO_2.