

Text S1. Chemicals.

Na_2HPO_4 (98%), NaH_2PO_4 (98%), benzoic acid (BA, 99%) and sulfamethoxazole (SMX, 99%) were purchased from J&K Scientific Ltd, China. Catalase (CAT) and superoxide dismutase (SOD) were obtained from Aladdin, China. Ferric chloride (98 %) and hydrogen peroxide (H_2O_2 , 99%) were obtained from the National Medicines Corporation Ltd. (Beijing, China). Methanol (HPLC grade, 99.9%) was obtained from TEDIA Company (USA). All solutions were prepared using ultrapure water (18.2 MW/cm) from a Synergy UV ultrapure water system with Millipak-40 filter unit (Millipore Corporation Merck KGaA, Darmstadt, Germany).