

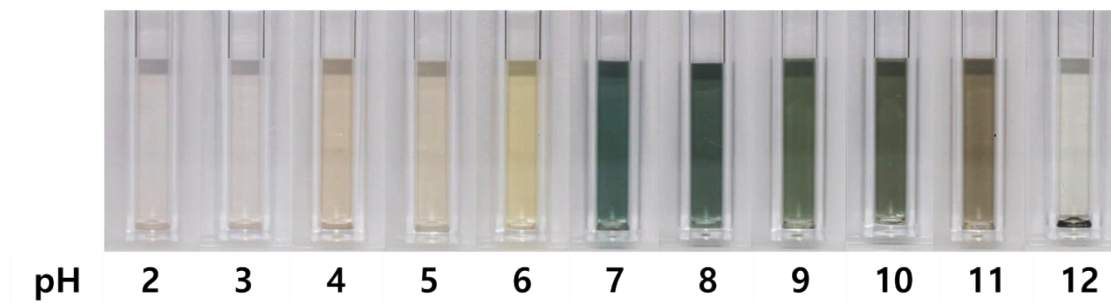
Supplementary Figure Captions

Figure S1. (A) The color changes of MTT–AgNP solutions at pH 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 with 3 ppm Pb^{2+} ion for 30 min incubation time. (B) UV–vis absorption spectra of the MTT-stabilized AgNPs upon addition of 3 ppm Pb^{2+} ion at various pH values for 30 min incubation time. (C) The corresponding absorbance ratios (A_{625}/A_{395}) of Pb^{2+} –MTT–AgNPs solution at the various pH values.

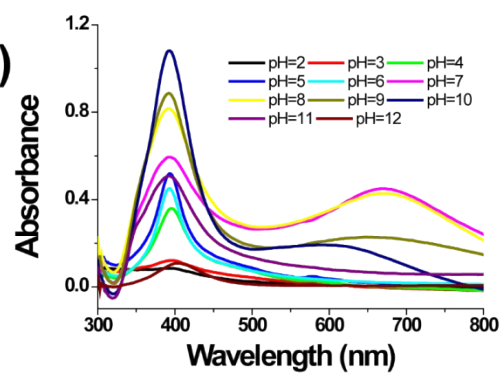
Figure S2. (A) Visual color change in AgNPs solutions with 0.4 ppm Pb^{2+} ion concentration upon addition of various concentrations of MTT. (B) UV–vis absorption spectra of AgNPs solutions with 0.4 ppm Pb^{2+} ion concentration upon addition of various concentrations of MTT.

Fig. S1

(A)



(B)



(C)

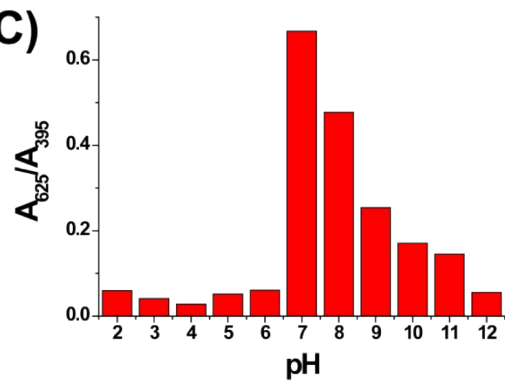


Fig. S2.

