

Figure ESI S1 . Effect of plant extract on PCR efficiency of 16s rRNA gene. M, marker; (Thermo Scientific ; Gene 1kb plus ladder; Cat No. #SM1333)C, control; lane 1 was 8 mg/ml; lane 2 was 4 mg/ml; lane 3 was 2mg/ml; lane 4 was 1mg/ml ; lane 5 was .5mg/ml Plant extract (35 cycles.).

Figure ESI S2 .UV-visible spectra of AgNPs after 24 h and 90 days. The spectra showed the stability of the formed AgNPs after 90days.