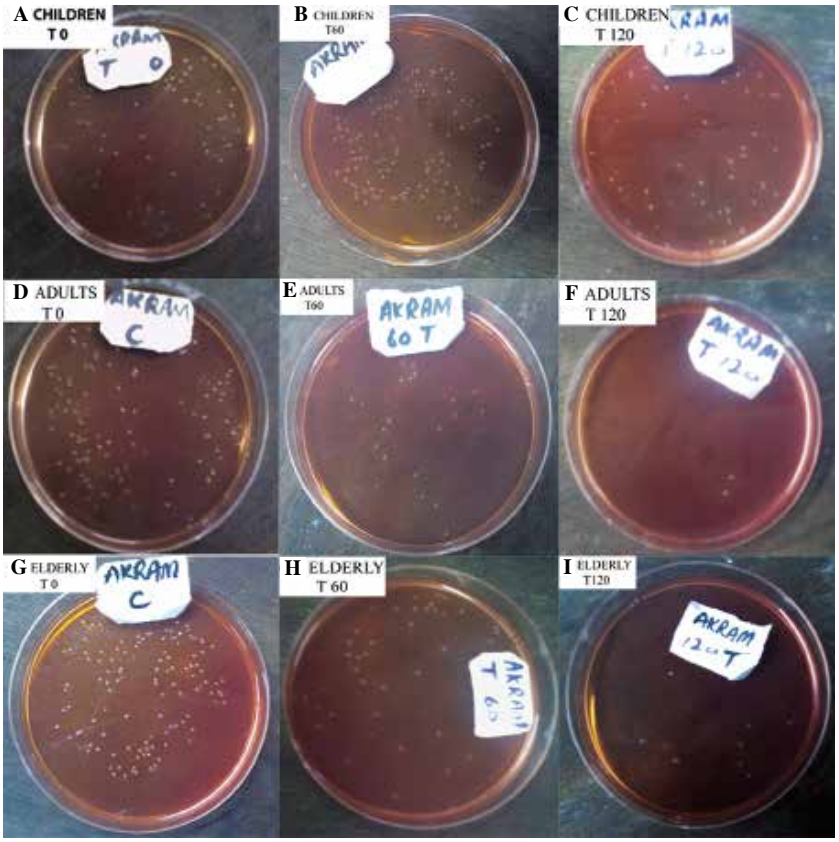

Fig. Suppl 1. Representative MacConkey Ager plates showing colonies of *P. aeruginosa* after incubation with children sera (**A**), (**B**), (**C**), Adult sera (**D**), (**E**), (**F**) and Elderly sera (**G**), (**H**), (**I**) at time points 0, 60 and 120 min, respectively. Children serum does not initiate decrease in the number of colonies at all time points. Adult and elderly sera show a decrease in the number of colonies at time points 60 and 120 min

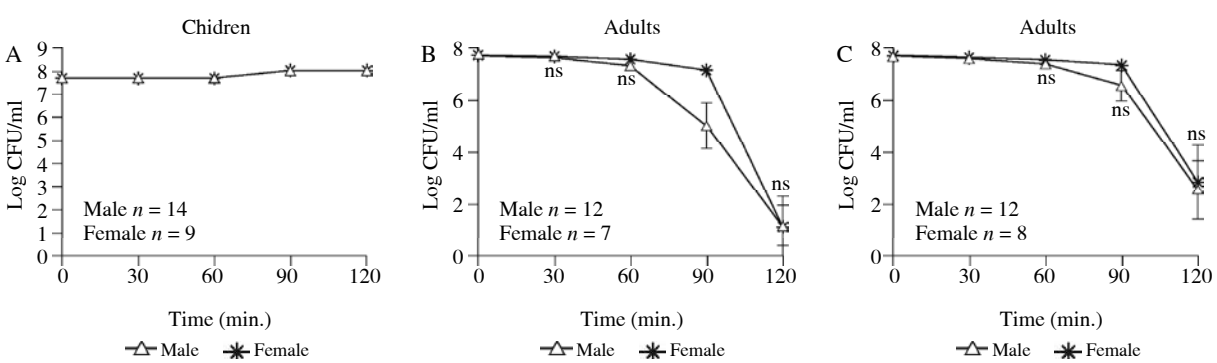

Fig. Suppl 2. Gender-wise differences in the serum bactericidal activity of *Pseudomonas aeruginosa*. No significant differences were revealed between male and female sera of all age groups, implying that gender is not the contributing factor in affecting serum bactericidal activity of *P. aeruginosa*. Only statistical difference was reported at time point 90 by adult sera with male showing higher bactericidal activity; however, female sera caught up later making the statistical differences insignificant. This shows that, overall, there is no significant difference in serum-mediated killing of *P. aeruginosa*; however, adult female sera might be a friction slower or vice versa in responding to *P. aeruginosa*