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Corrigendum: Rapid and highly sensitive detection of Enterovirus 71 by using nanogold-enhanced electrochemical impedance spectroscopy

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In figure 4 of the original published paper, the unit of X-axis shall be corrected to 'copy numbers/50 μ l'. In order to present clearly, the color of particle size distribution of 2, 18 and 40 nm AuNPs, in the inset, are shown as green, red, and blue, respectively. The corrected version of figure 4 is presented below.

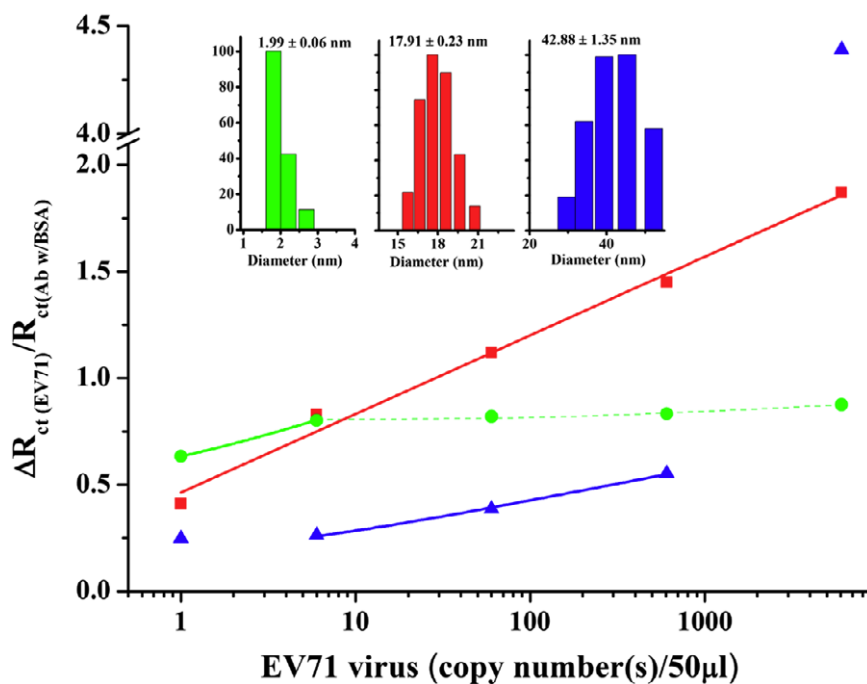


Figure 4. EV71 concentration compared with the relative change of charge transfer resistance with various sizes of AuNPs. AuNPs with sizes of 2, 18 and 40 nm are shown as green, red, and blue respectively. The lowest detection of limit of 2, 18, and 40 nm AuNPs conjugated with Anti-EV71 Ab, were 1, 1, and 61 copy number(s)/50 μl reaction volume, respectively. The linear range of 2, 18 and 40 nm AuNPs after conjugation with anti-EV71 Ab were 1–6, 1–6050 and 6–605 copy numbers/50 μl reaction volume, respectively. The 18 nm AuNPs showed the best performance in connecting anti-EV71 Ab to detect EV71. The inset denotes the particle size distributions of 2, 18 and 40 nm AuNPs by DLS measurement.