



Supplementary Figure 8. Determination of dissociation constant value (K_d) of aptamer targeting rhCD36 (RC25).

The concentration of RNA was made constant at 100 nM and different concentrations of rhCD36 protein (0 nM, 25 nM, 50 nM, 100 nM, 250 nM, and 500 nM). The complexes were resolved under (A) 1% (w/v) agarose gel in $0.5\times$ TB buffer. The intensities of bound RNA were measured using the ImageJ software. After normalized with background intensity, (B) the data was plotted using non-linear regression fit (GraphPad Prism version 7.0). The estimated K_d value and R^2 value for RC25 were 23.07 ± 3.49 nM and $R^2 = 0.9919$, respectively.