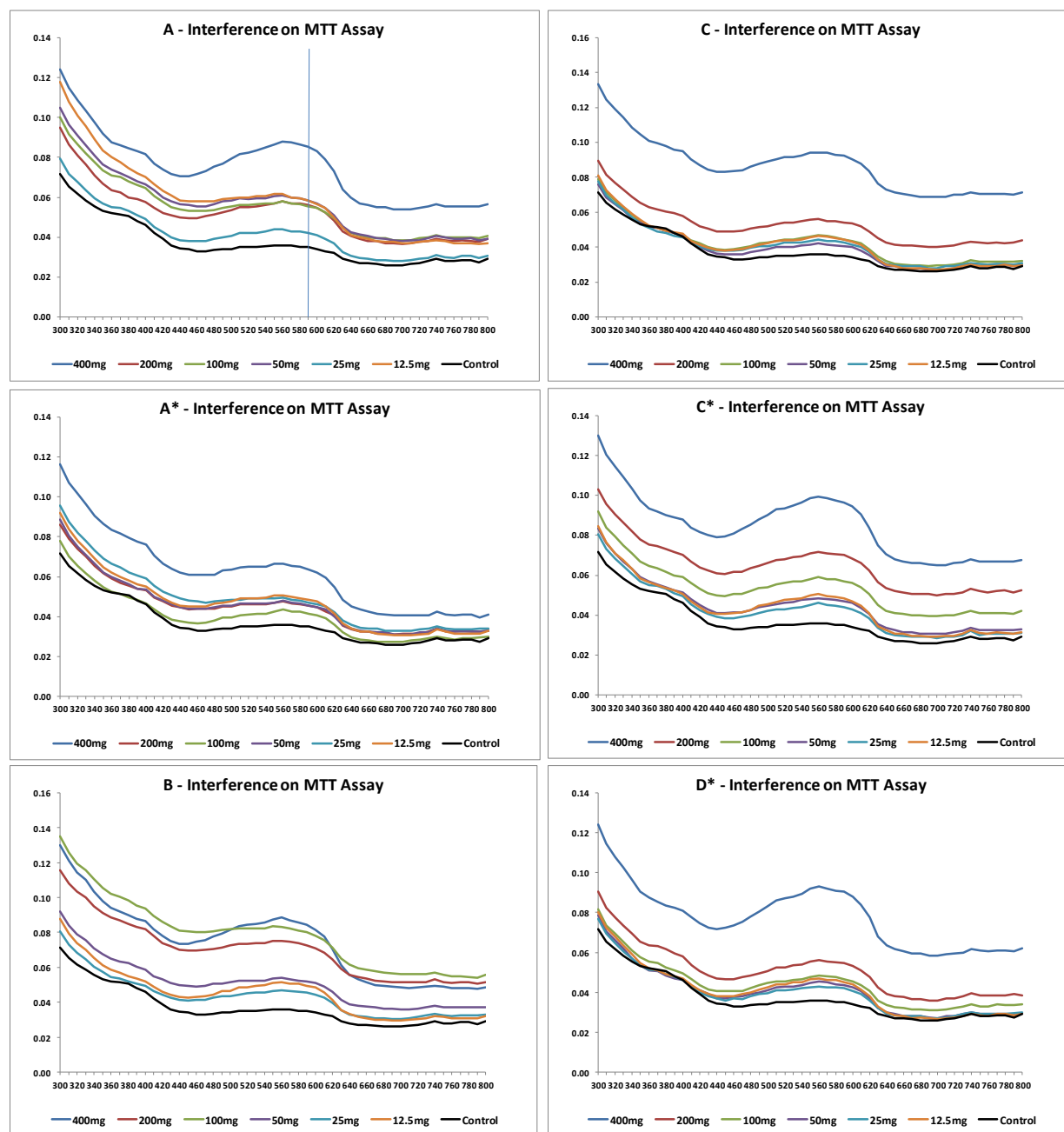


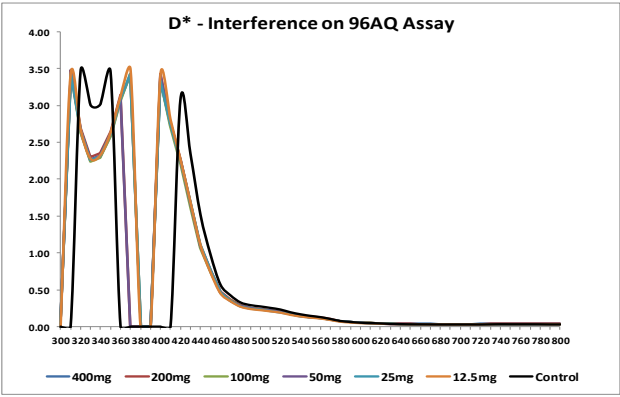
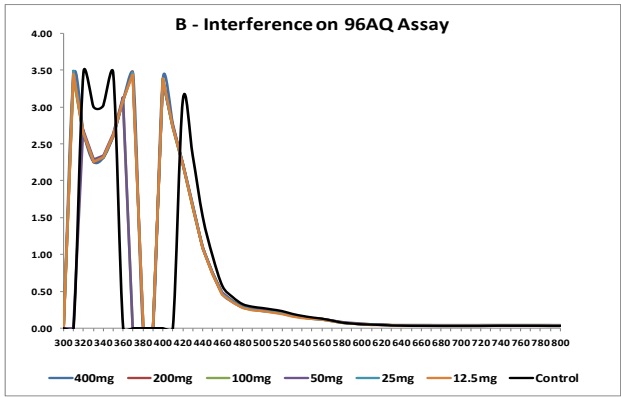
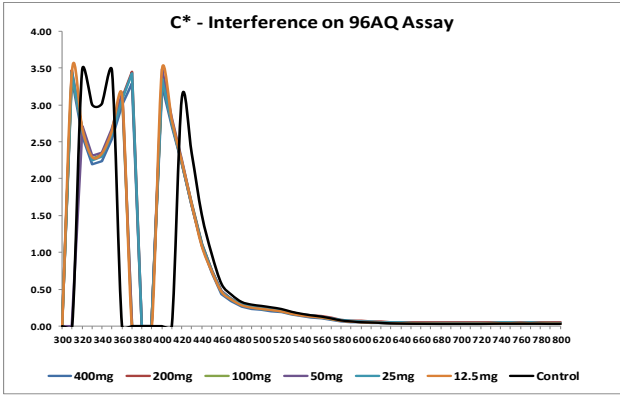
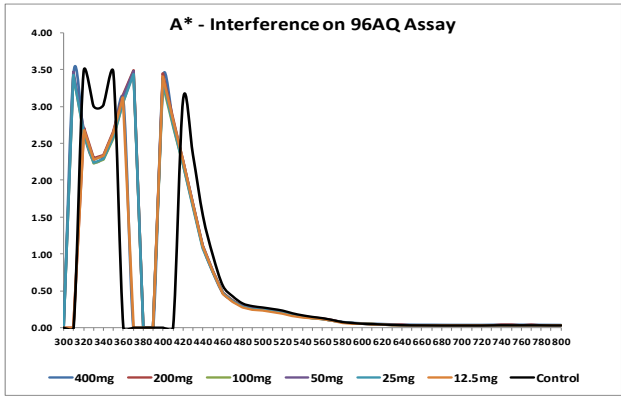
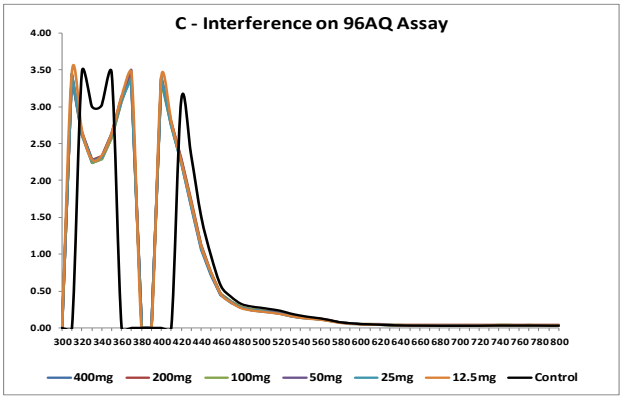
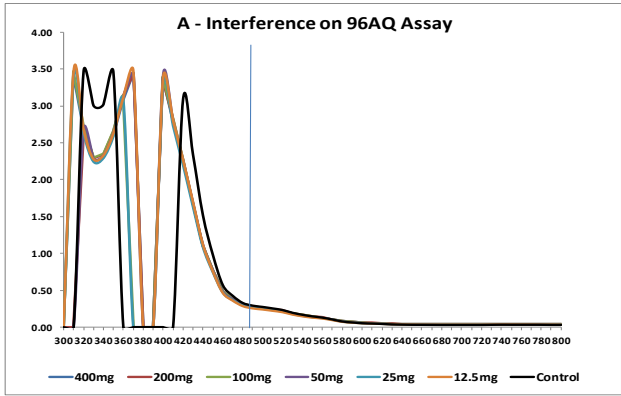
Supplemental Data 1

Interference of six TiO_2NP with MTT, 96AQ and aB viability assays. a) MTT, a vertical line is at the absorbance wavelength of 590nm for MTT, b) 96AQ assay, a vertical line is at the absorbance wavelength of 490nm for 96AQ, c) aB assay, a vertical line is at the fluorescence wavelength of 590nm for aB.

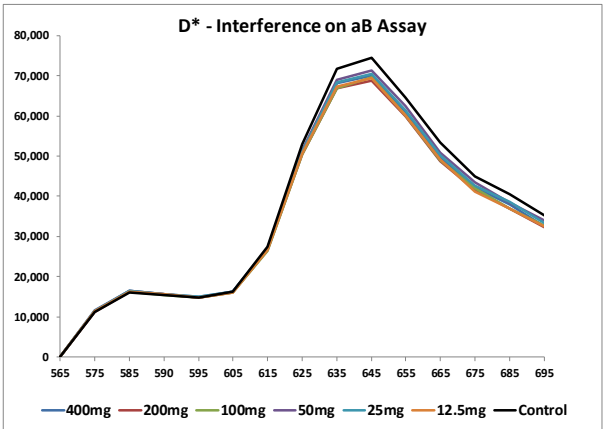
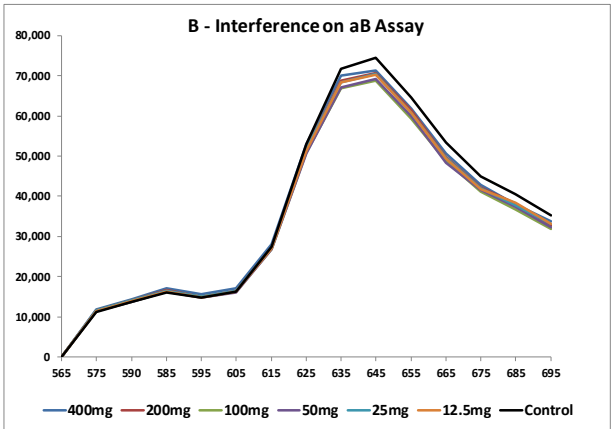
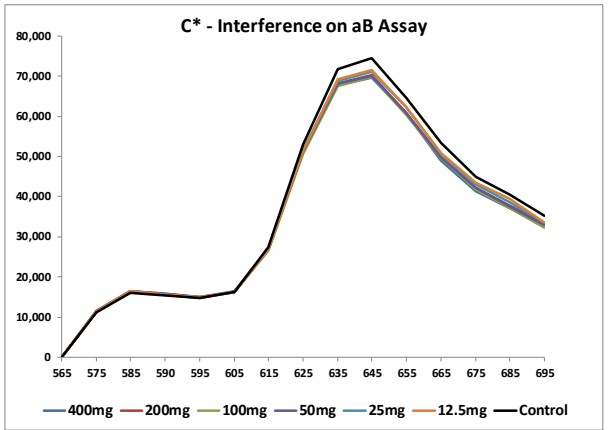
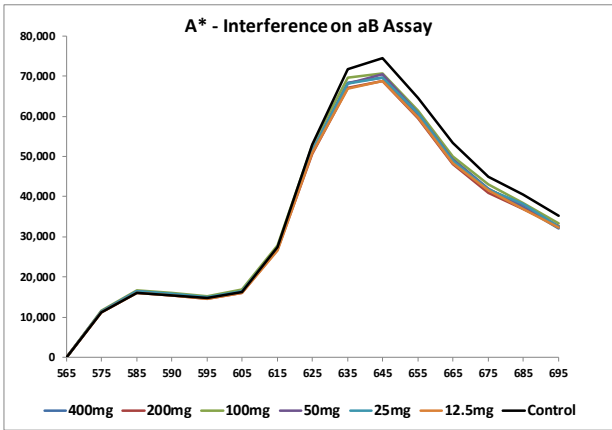
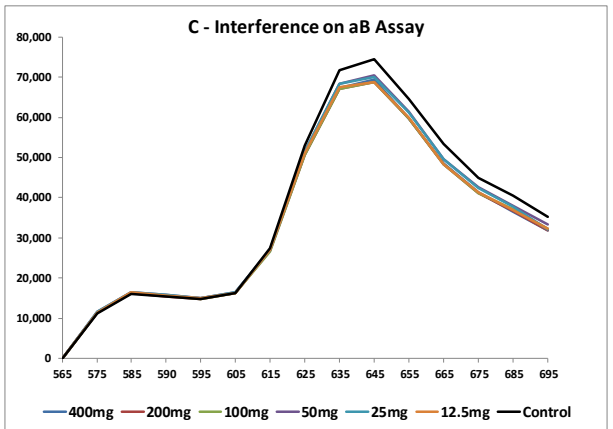
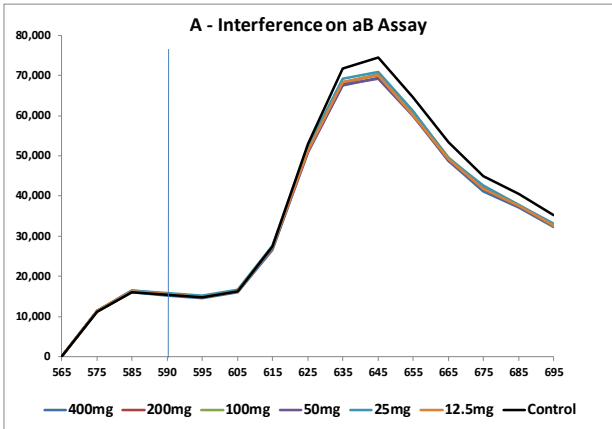
1a) MTT assay



1b) 96AQ assay



1c) aB assay



Supplemental Data 2: TiO₂NP interference on metabolized aB fluorescence. Six TiO₂NP samples A, A*, B, C, C*, and D* at concentrations of 0 (control), 0.0125, 0.025, 0.05, 0.1, 0.2, and 0.4mg/ml were mixed with metabolized aB reagents for 3h (pre-incubated with HEK for 3h) followed by the detection of fluorescence at 590nm. *denotes the statistically significant difference between the treated sample and the control at p<0.05.

