

**Figure S3.** Average binding and blocking profiles of IgG and IgA antibodies. The dose-response curves for binding (A) or blocking (B) for all IgG and IgA antibodies were averaged to generate a representative curves for each class using R software package. The binding curves for IgG and IgA are significantly different (p < 0.001), while there is insufficient evidence to show that IgG and IgA differ in blocking (p = 0.39).