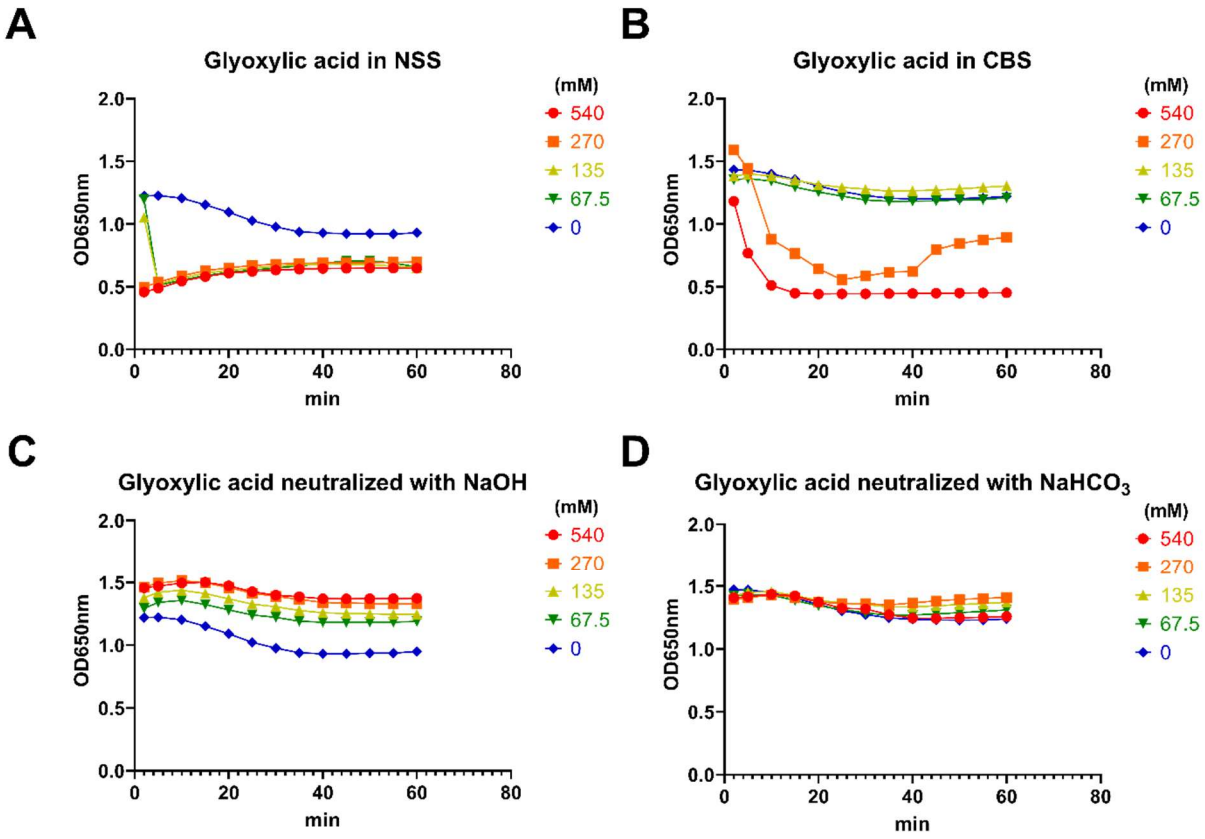

Supplementary Figure 2. Kinetic hemolysis assays were performed to determine the effect of neutralization on the baseline hemolytic activity of glyoxylic acid, using NaOH and $NaHCO_3$ as neutralizing agents; erythrocytes were treated for 1 hour in 37˚C with 2-fold serial dilution of various forms of glyoxylic acid solution starting from 4mM, then hemolysis measured as a decrease of optical density at 650nm; hemolysis was measured every 5 minutes starting at 2 minutes after addition of glyoxylic acid solution; *n* = 1; OPA: *ortho*-phthalaldehyde; NSS: 0.9% saline solution (pH 7); CBS: carbonate-buffered saline solution (pH 8.5).