

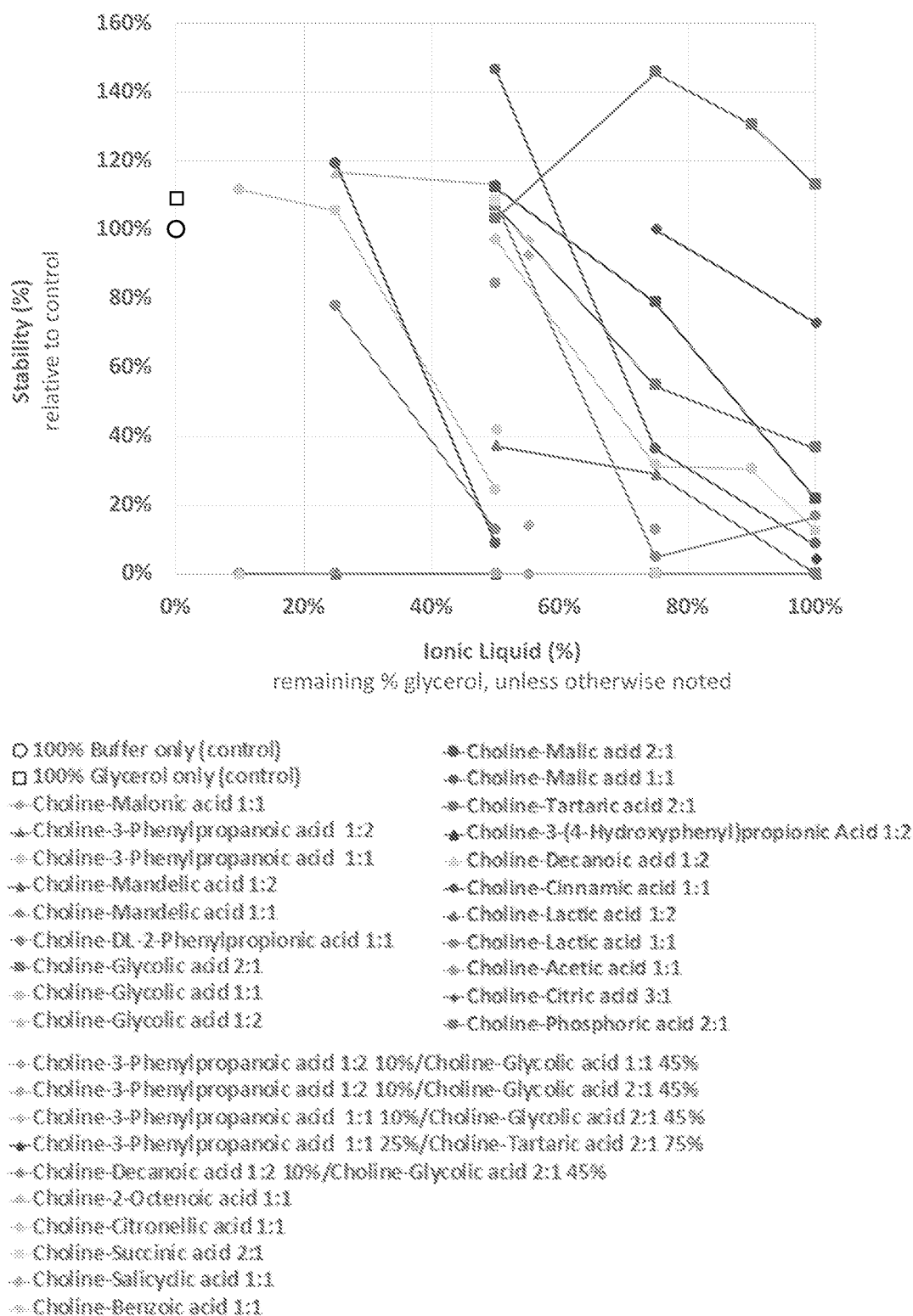


FIG. 1

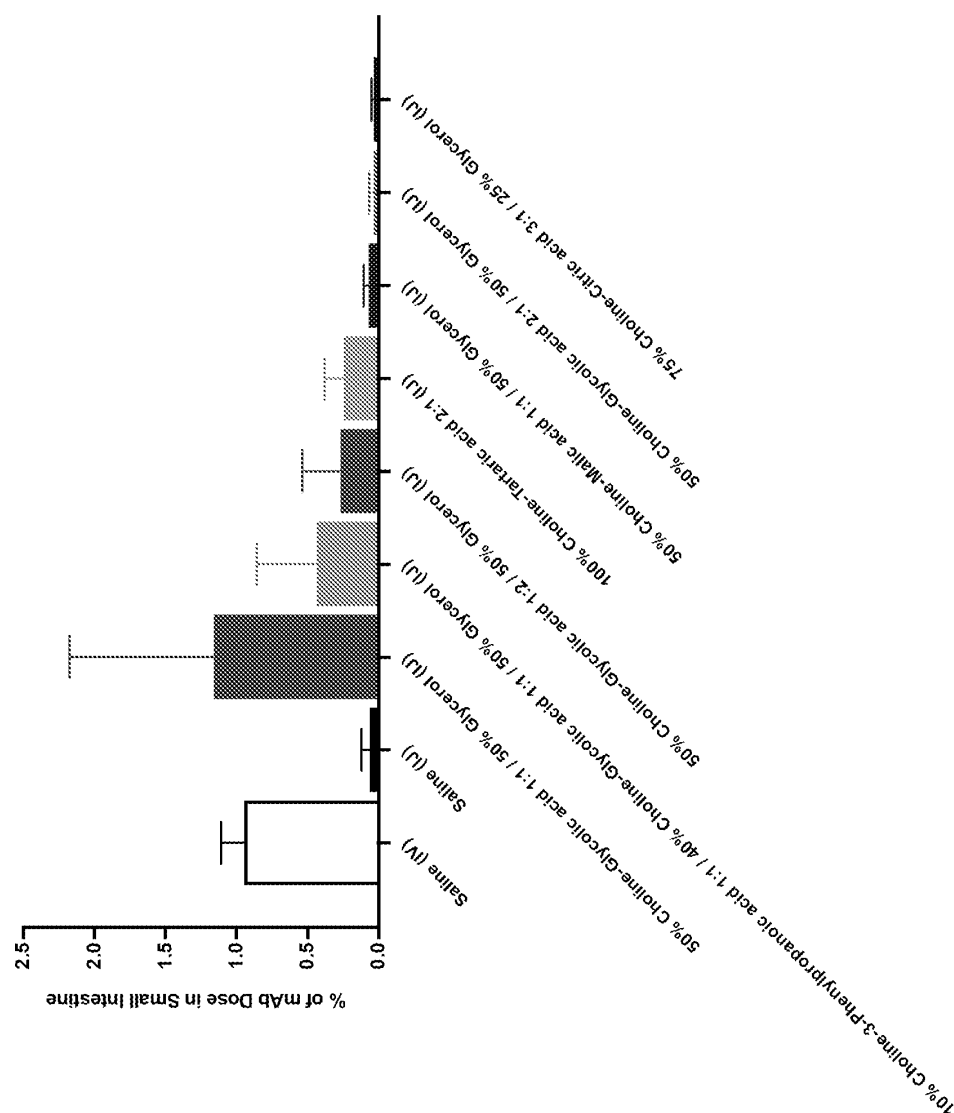


FIG. 2

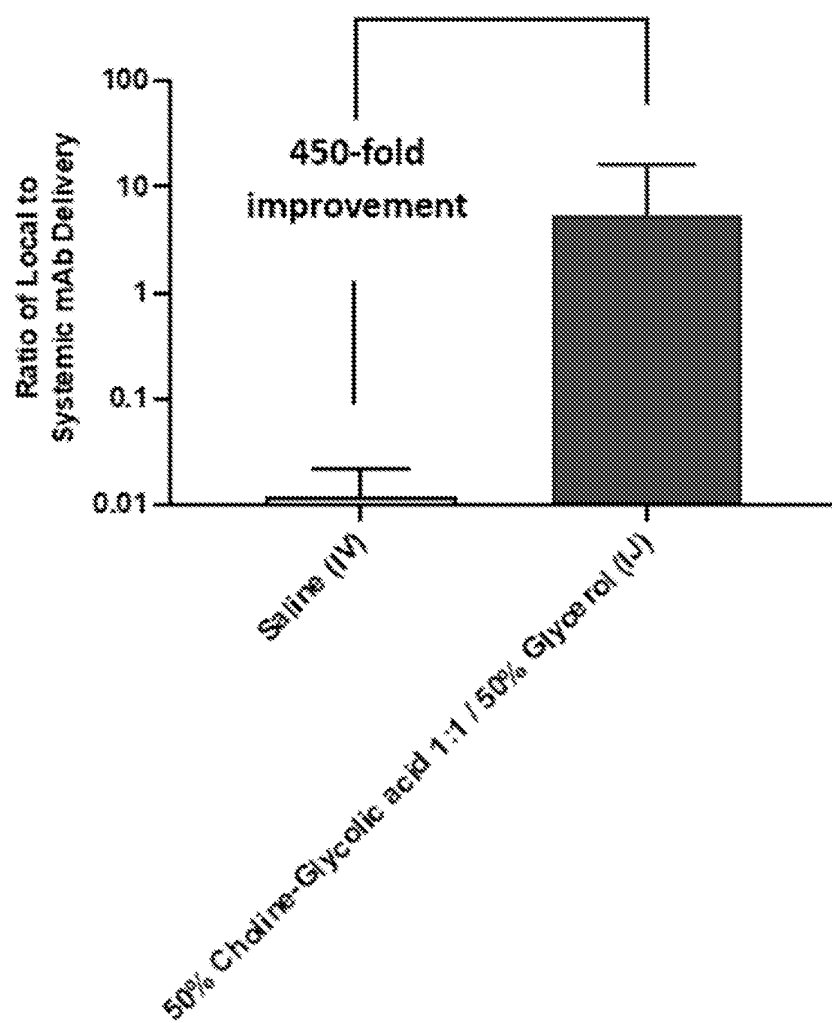


FIG. 3



FIG. 4A

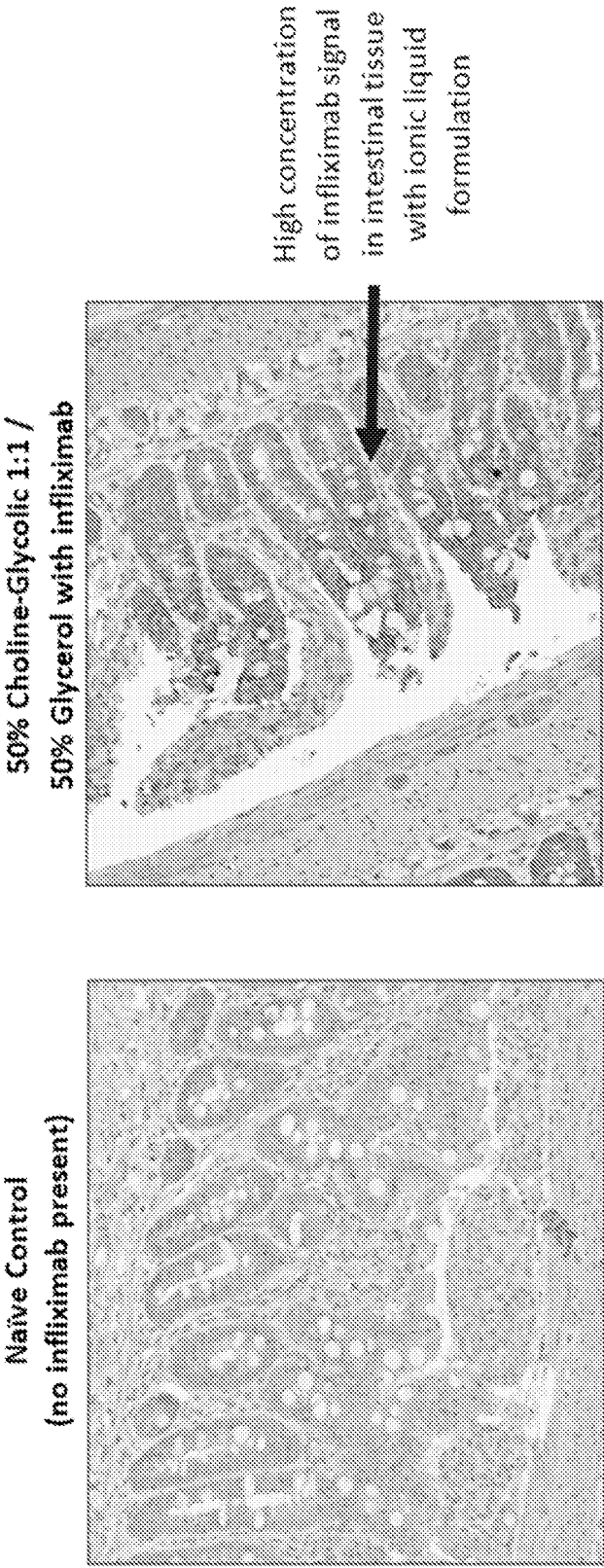


FIG. 4B

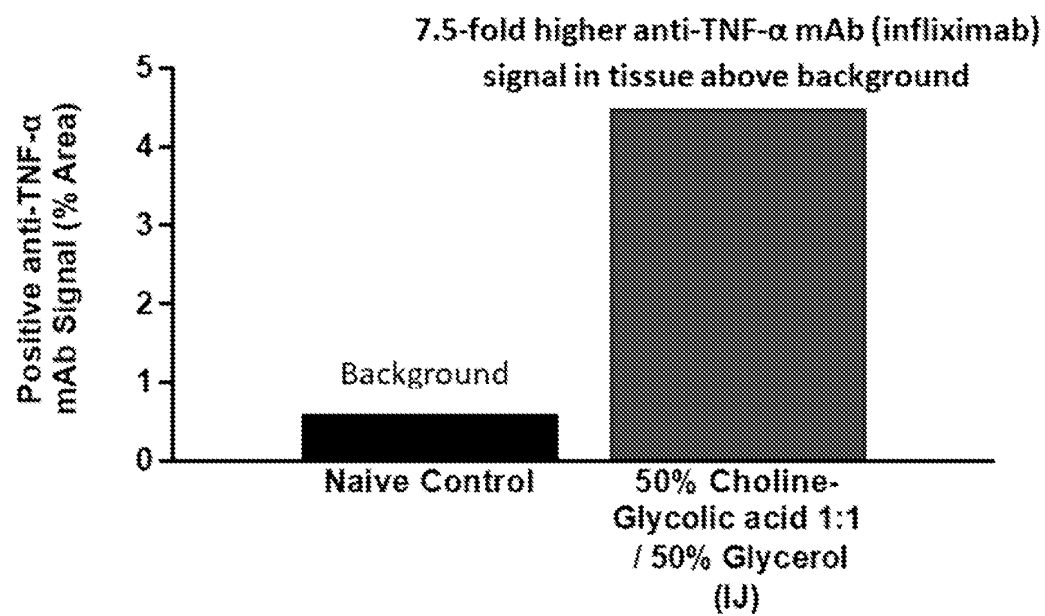


FIG. 4C

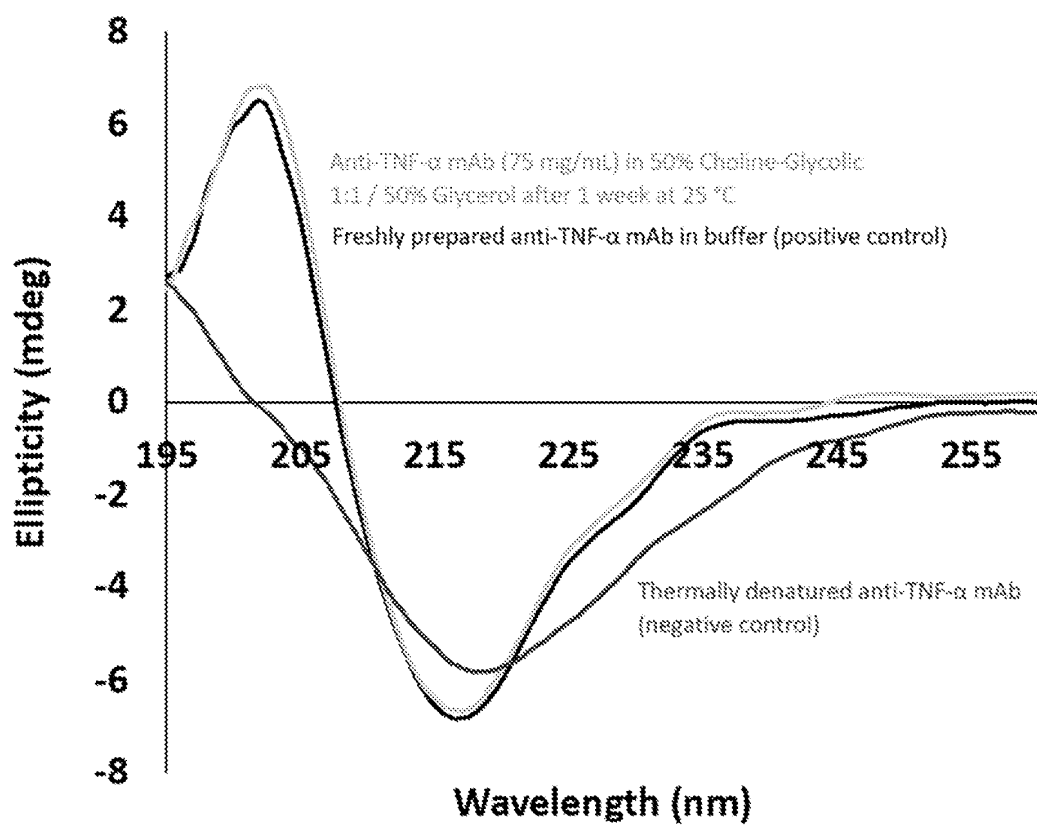
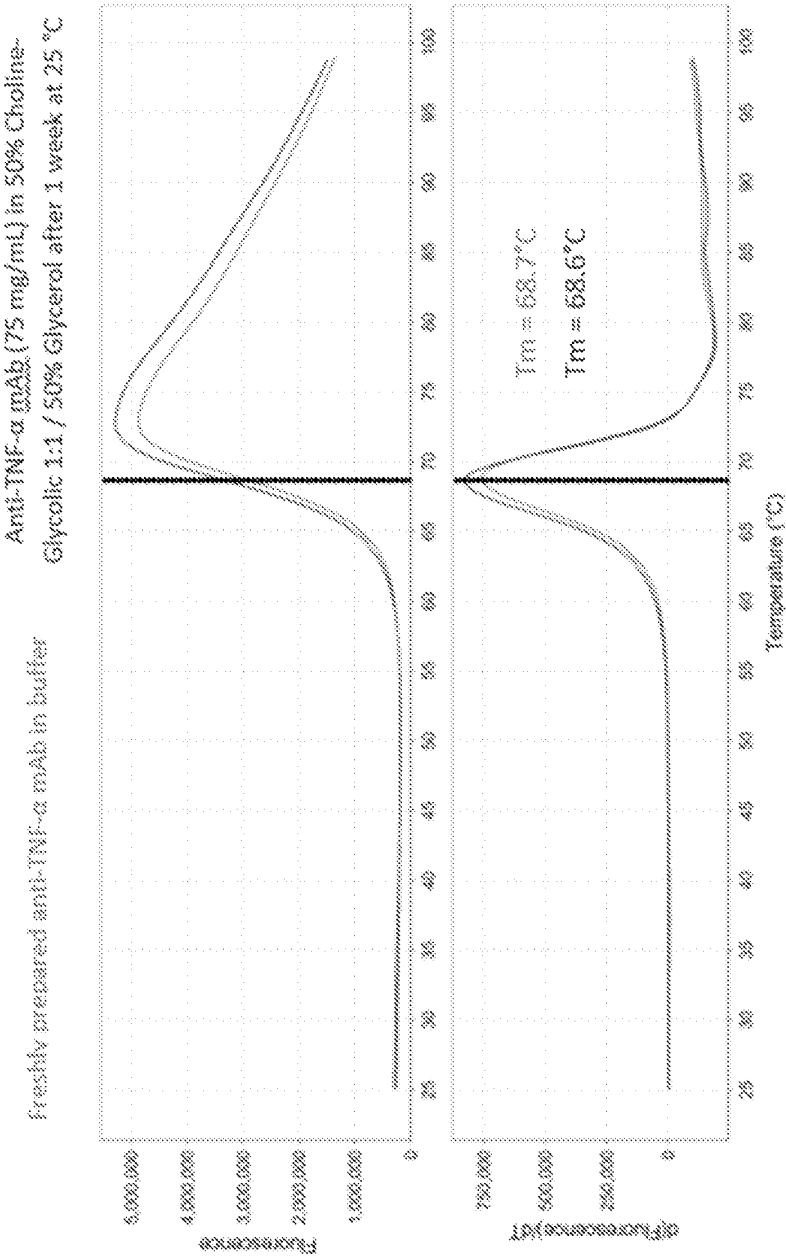


FIG. 5



Protein melting temperature (Tm) denoted by first-derivative of melt curve

FIG. 6