Figure 1

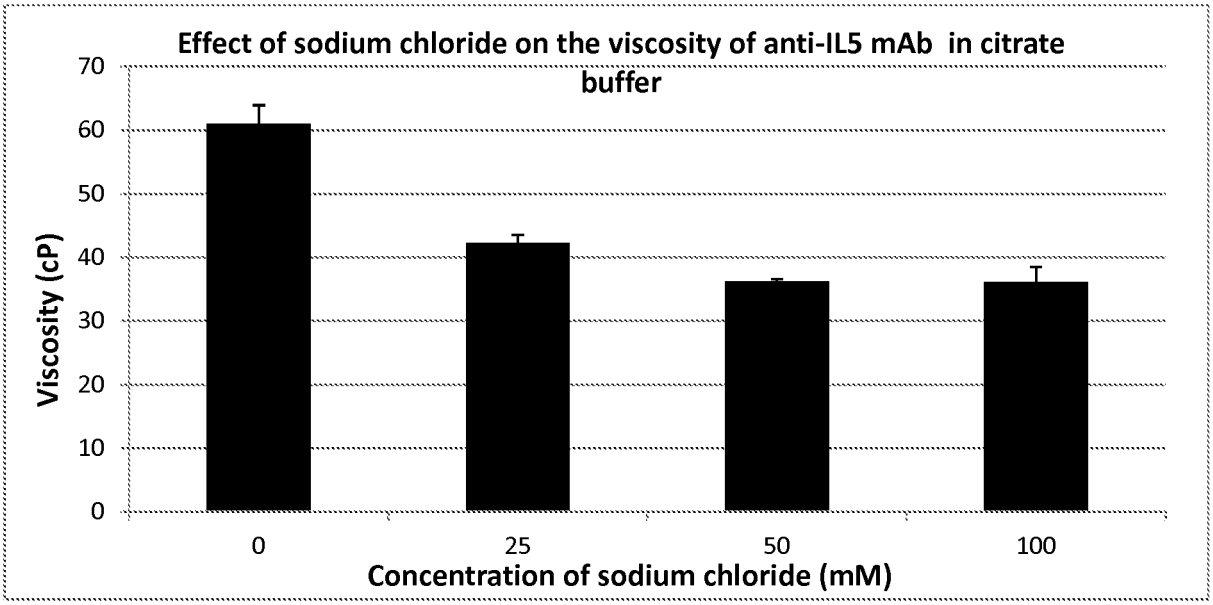

Effect of sodium chloride on the viscosity of anti-IL5 mAb in citrate buffer
Viscosity (cP)
70
60
50
40
30
20
10
0
0
25
50
100
Concentration of sodium chloride (mM)

Figure 2

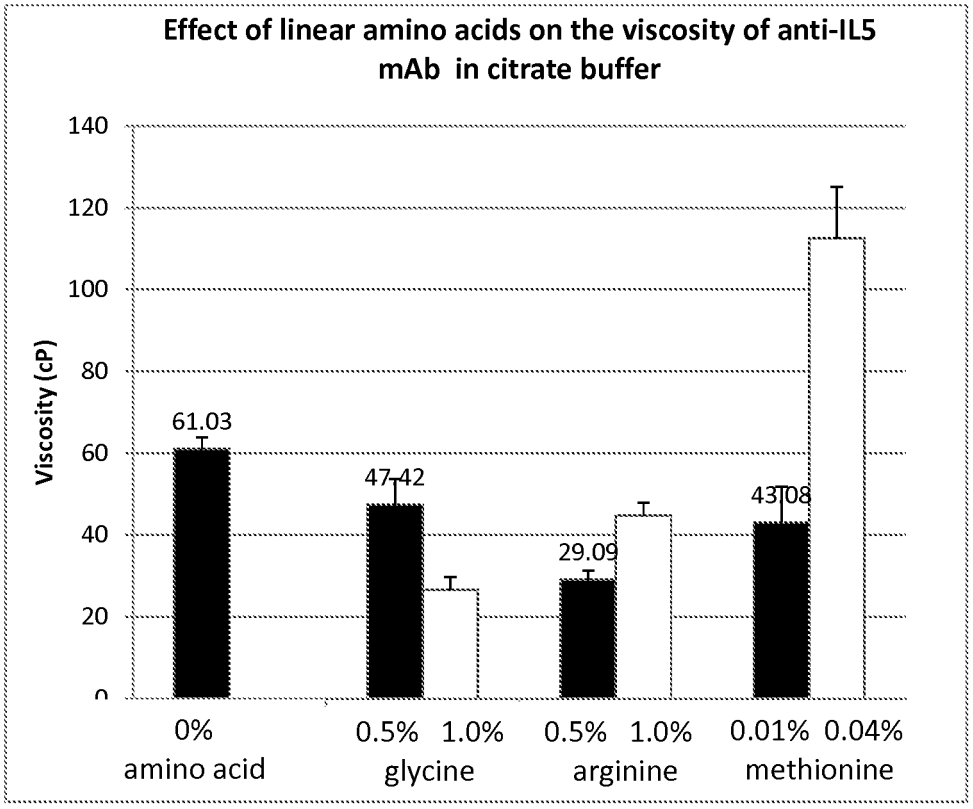
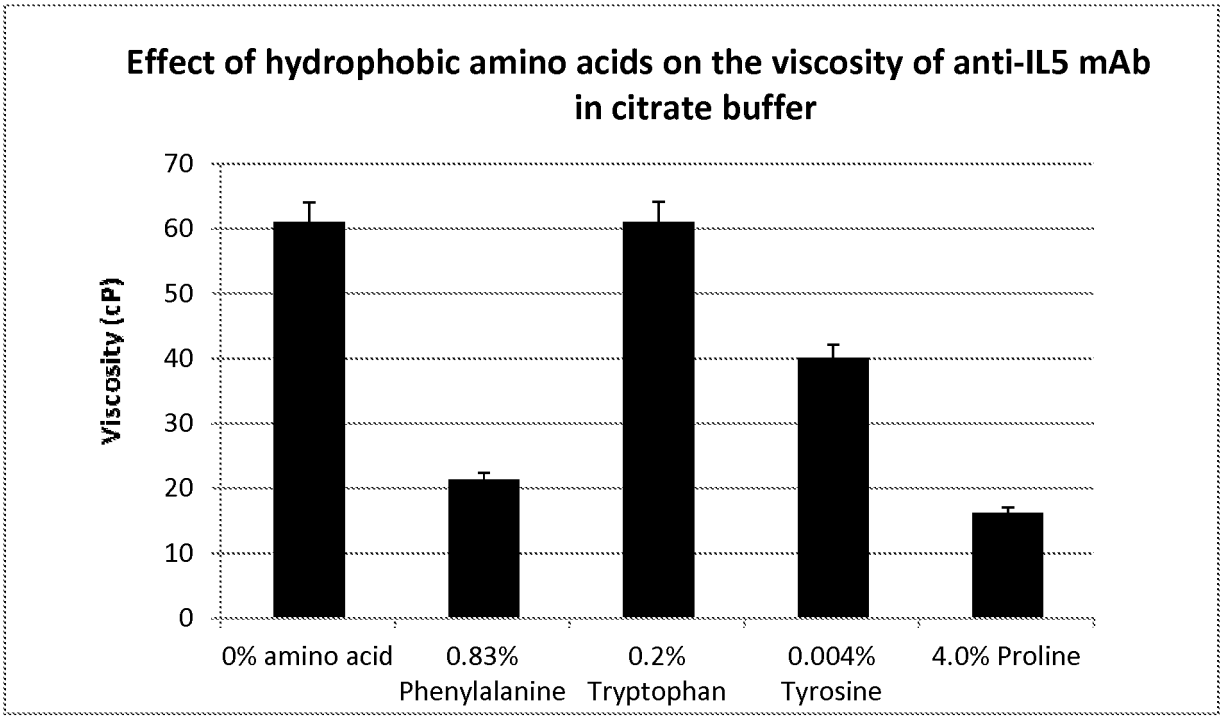

Effect of linear amino acids on the viscosity of anti-IL5 mAb in citrate buffer
Viscosity (cP)
140
120
100
80
60
40
20
0
61.03
47.42
29.09
43.08
0%
amino acid
0.5%
1.0%
glycine
0.5%
1.0%
arginine
0.01%
0.04%
methionine

Figure 3


Effect of hydrophobic amino acids on the viscosity of anti-IL5 mAb in citrate buffer
Viscosity (cP)
70
60
50
40
30
20
10
0
0% amino acid
0.83% Phenylalanine
0.2% Tryptophan
0.004% Tyrosine
4.0% Proline