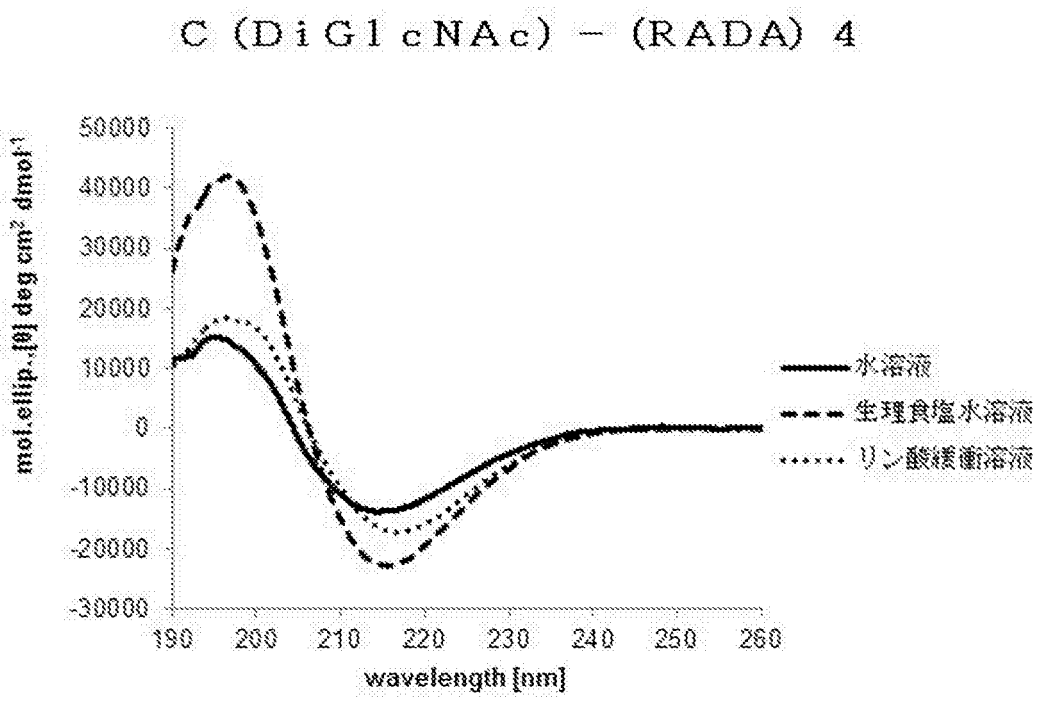
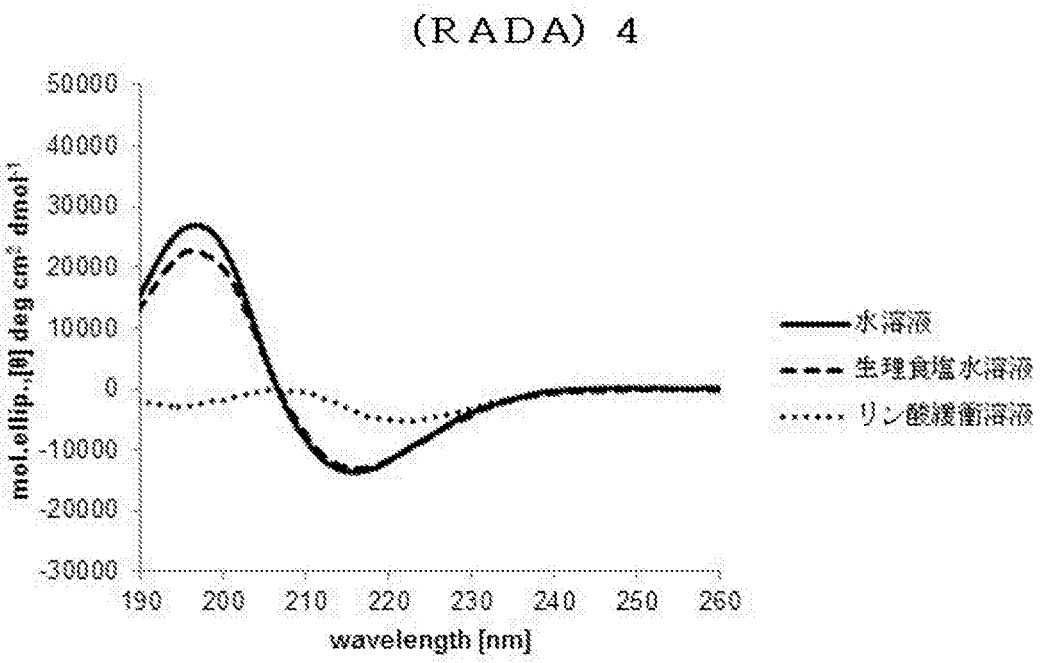
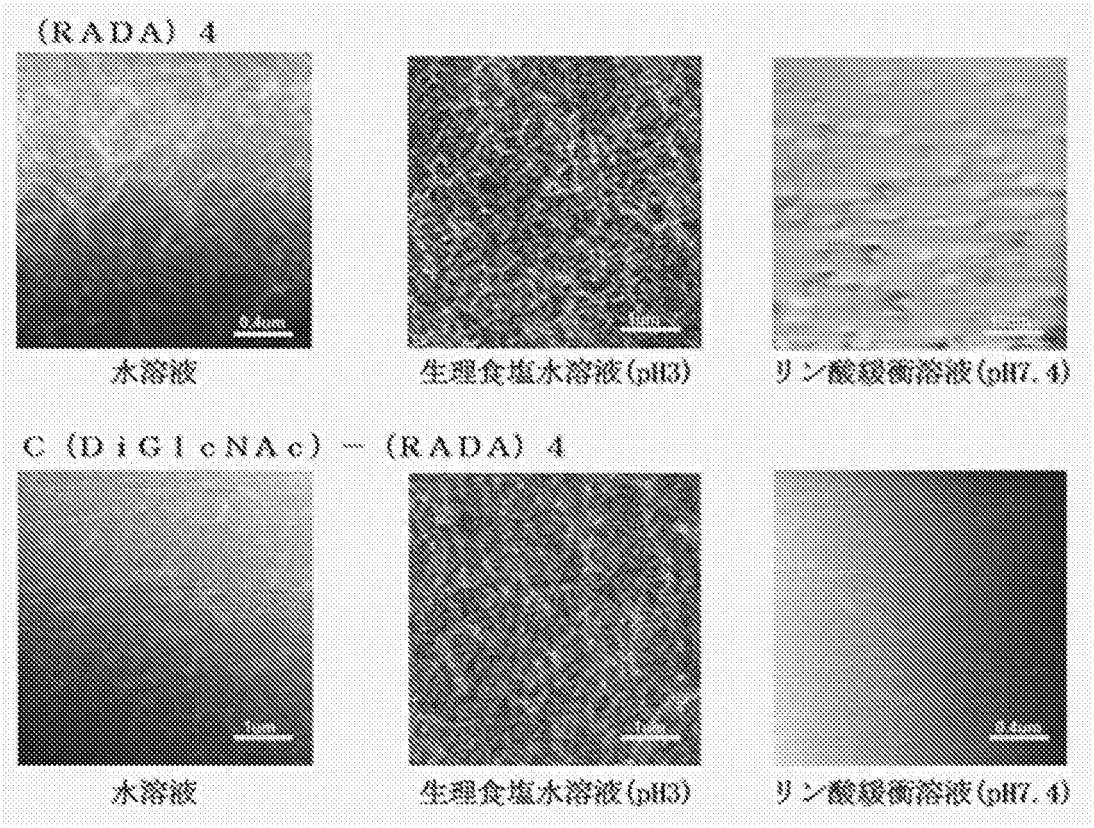
[図1]


C (DiGlcNAc) − (RADA) 4
mol.ellip.,[θ] deg cm² dmol⁻¹
50000
40000
30000
20000
10000
0
-10000
-20000
-30000
190
200
210
220
230
240
250
260
wavelength [nm]
水溶液
生理食塩水溶液
リン酸緩衝溶液

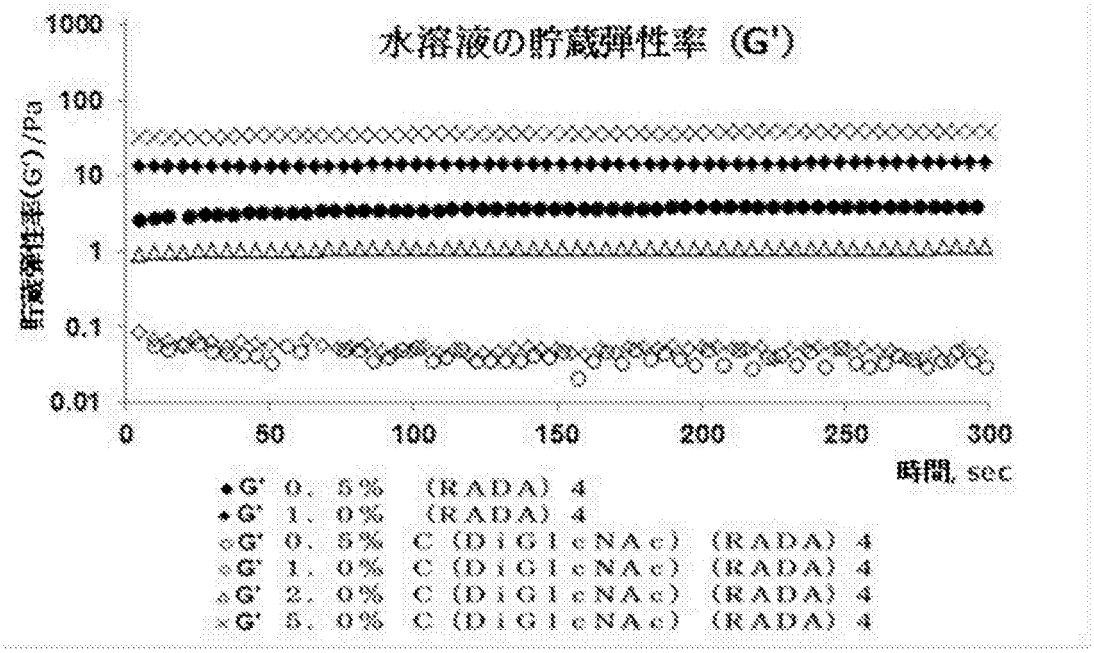
[図2]


(RADA) 4
mol.ellip.,[θ] deg cm² dmol⁻¹
50000
40000
30000
20000
10000
0
-10000
-20000
-30000
190
200
210
220
230
240
250
260
wavelength [nm]
水溶液
生理食塩水溶液
リン酸緩衝溶液

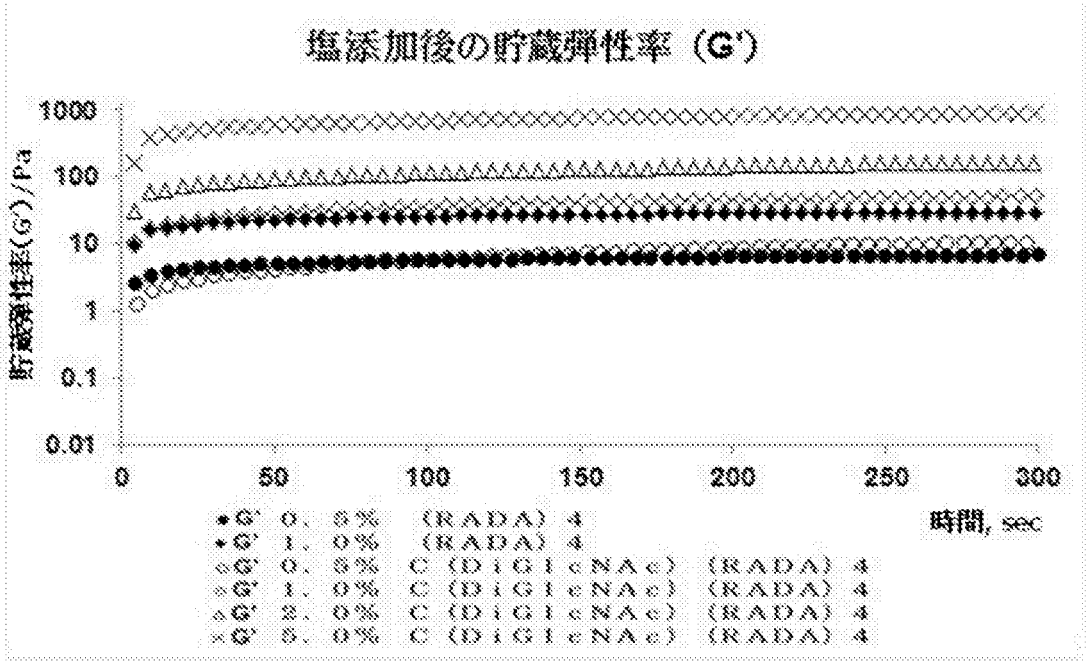
[図3]


(RADA) 4
水溶液
生理食塩水溶液(pH3)
リン酸緩衝溶液(pH7.4)
C(DiGlcNAc)-(RADA) 4
水溶液
生理食塩水溶液(pH3)
リン酸緩衝溶液(pH7.4)

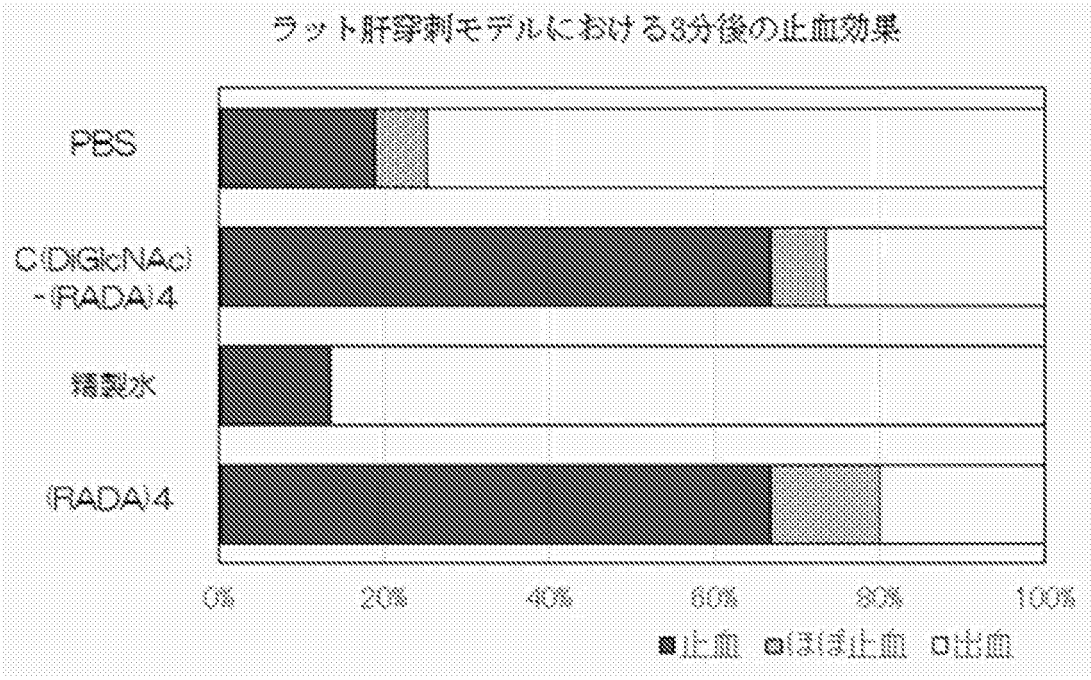
[図4]


水溶液の貯蔵弾性率 (G')
貯蔵弾性率(G')/Pa
1000
100
10
1
0.1
0.01
0
50
100
150
200
250
300
時間, sec
◆G' 0.5% (RADA) 4
◆G' 1.0% (RADA) 4
○G' 0.5% C(DiGlcNAc) (RADA) 4
○G' 1.0% C(DiGlcNAc) (RADA) 4
△G' 2.0% C(DiGlcNAc) (RADA) 4
×G' 5.0% C(DiGlcNAc) (RADA) 4

[図5]


塩添加後の貯蔵弾性率（G'）
貯蔵弾性率(G')/Pa
1000
100
10
1
0.1
0.01
0
50
100
150
200
250
300
時間, sec
●G' 0.5% (RADA)4
●G' 1.0% (RADA)4
○G' 0.5% C(DiGlcNAc)(RADA)4
○G' 1.0% C(DiGlcNAc)(RADA)4
△G' 2.0% C(DiGlcNAc)(RADA)4
×G' 5.0% C(DiGlcNAc)(RADA)4

[図6]


ラット肝穿刺モデルにおける3分後の止血効果
PBS
C(DiGlcNAc)-(RADA)4
精製水
(RADA)4
0%
20%
40%
60%
80%
100%
■止血 ▨ほぼ止血 □出血